

CLIMATOLOGICAL DATA FOR JUNE, 1913.

DISTRICT NO. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

The principal feature of the weather of the month was the temperature contrast. During the first 12 or 13 days the conditions were dominated by high pressure of unusual intensity over the northern half of the district, resulting in a period of very cool weather. There were light frosts and temperatures in the thirties in localities of all the States comprising the district, and at points in Montana, North Dakota, Wyoming, and Colorado, favorably situated topographically for the occurrence of cold weather, the temperature fell below the freezing point. Immediately following the cool period warm weather set in and with the exception of a few brief intervals the weather was quite warm during the remainder of the month. Montana was the only State in the drainage area in which the temperature did not reach or exceed 100° at one or more stations.

Over a large area in the southern portion of the district practically no rain fell from the 8th to the 20th, and in some portions the drought which began in April remained almost unbroken at the end of June. The greatest damage to crops on account of dry weather and an unusually high percentage of sunshine was in western Kansas and Nebraska, and over the Osage and Missouri Valleys in Missouri. In South Dakota there was considerable relief given by well-distributed rains toward the close of the month.

In the district as a whole the month was remarkably free from destructive storms, although some local loss resulted from hail in Wyoming, Montana, and South Dakota, and at Alma, Mont.; a severe windstorm damaged a number of houses, some of which were completely demolished.

A rather unusual feature was the large number of clear days in most of the drainage area; at many stations there were no cloudy days, and at an equally large number there was only 1 cloudy day. At the end of the month rain was needed in most of the country east of the foothills.

TEMPERATURE.

The average temperature for the month was above the normal, except at a few scattered stations in Missouri and Kansas, and in the elevated portions of Montana, Wyo-

ming, and Colorado. The excess ranged from a few tenths of a degree in Colorado to more than 5° in eastern South Dakota; in most of the district it amounted to about 2.5°. The month was divided into two well-marked opposite temperature periods. One embraced the first 13 days, when unusually cool weather prevailed; the lowest temperatures occurred from the 7th to the 10th, and frost formed in some localities of all the States of the district. Low temperature records for June were equaled or exceeded at a number of stations. The second was a hot period and covered the remainder of the month, except for a few short intervals, when the temperature was nearly normal. At most of the stations the hottest weather was from the 15th to 18th or 22d to 28th. The highest thermometer reading was 107° at Ewing, Nebr., and the lowest was 17° at Riverside, Wyo., in the Yellowstone Park.

PRECIPITATION.

In Montana and Wyoming there were frequent local showers and the total precipitation for the month was in excess of the normal June average, except in the eastern counties. There was an excess also in small areas in the Dakota counties east of the Missouri River, and in north-eastern Nebraska, south-central Iowa, north-central Missouri, and west-central Kansas. In the remainder of the district there was a deficiency, which as a rule was pronounced. Most of the precipitation was in the form of thundershowers and did not occur in well-defined periods, except in the lower or southeastern part of the drainage area, where generally wet weather prevailed on the 5th-6th and from the 20th to the 25th. The station having the largest monthly total, 8.30 inches, was Garneil, Mont.; Laporte, Colo., had 0.27 inch, which was the smallest amount that occurred at any station.

RIVERS.

The Missouri River and its tributaries above Omaha were moderately high for June, but nowhere was the flood stage reached. Below Omaha the stages were below the June average; they were almost stationary during the first half of the month and declined gradually during the latter half.

TABLE 1.—Climatological data for June, 1913. District No. 6, Missouri Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.				Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeltd.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.		Number of cloudy days.	Prevailing wind direction.	
Wyoming.																					
Arapahoe Basin	Fremont	5,200	3							1.69		0.60	0.0	7	5	23	2	sw.	Edw. L. Seymour.		
Big Creek Station	Bighorn	3,862	14	69.1	+ 2.2	98	17	40	14	46	- 0.48	0.52	0.0	1	20	9	1	nw.	O. J. Robertson.		
Boyd	Carbon	7,500	2	54.6		79 ^a	23 ^a	30	11	44 ^a		0.28	0.0	5	2	15 ^a	4	sw.	U. S. Forest Service.		
Burns	Western	6,192	3	58.1		84	28	34	12	41		2.74	0.0	8	20	7	3	se.	Kirk Baker.		
Casper	Laramie	5,400	3																E. W. Bastian.		
Centennial	Natrona	5,101	4																M. C. Cook.		
Cheyenne	Albany	8,074	10	55.8		79	15	34	12	38		0.50	0.0	12	5	8	17	sw.	Louis A. Gregory.		
Chugwater	Laramie	6,088	42	60.8	- 0.7	88	16	40	12	36	+ 0.39	0.39	0.0	9	6	17	7	s.	U. S. Weather Bureau.		
Clark	Platte	5,282	12	61.8	+ 1.6	88 ^a	28	40 ^a	3 ^a	40 ^a	+ 0.47	1.74	0.0	3	8 ^a	20 ^a	1 ^a	sw.	A. H. Woollever.		
Cody	Park	4,320	8	64.7		86	21	47	12	31		0.29	0.0	11	8	13	9	w.	Chas. A. C. Snow.		
Crandall Creek	do.	5,000	6	62.9		89	22	44	12	35		0.50	0.0	13	7	19	4	w.	U. S. Tinkcom.		
Dome Lake	do.	6,124	4	51.8		78	22	32	12	47		0.51	0.0	18	9	9	12	sw.	U. S. Forest Service.		
Douglas	Sheridan	8,821	5	49.8		70	22	32	1	33		0.89	0.0	4	14	19	7	sw.	Abe Mills.		
Dubois	Converse	4,793	4	64.0		89	22 ^a	40	30	46		0.25	0.0	8	27	2	1	se.	Henry C. Miller.		
Eatons Ranch	Fremont	6,909	6	52.7		76	22	30	4	40		0.45	0.0	13	5	24	1	w.	Dr. F. H. Welty.		
Echeta	Sheridan	4,600	8	62.9		89 ^b	22	32 ^b	12	38 ^b		1.87	0.0	5	13 ^b	14 ^b	1 ^b	n.	F. A. Eaton.		
Elk Mountain	Campbell	4,200	4									1.23	0.0	4	24	4	2	s.	M. R. Hunter.		
Encampment	Carbon	7,322	4	59.0		81 ^b	27	32 ^b	11	44 ^b		1.26	0.0	10				sw.	Wm. Richardson.		
Ervay	Natrona	6,400	4	58.0		83	22	34	13	42		0.35	0.0	8	2 ^f	22 ^f	0 ^f	sw.	U. S. Forest Service.		
Fort Laramie	Goshen	4,270	35									2.04	0.0	10	12	13	5	se.	Frank Jameson.		
Foxpark	Albany	9,015	3	47.7		73 ^k	27	25 ^k	8	43 ^k		1.35	0.0	4	13 ⁱ	3 ⁱ	2 ⁱ	sw.	John Hunton.		
Germania	Bighorn	4,312	2	64.4		90	22	42	7	41		0.62	0.0	12	10	20	0	nw.	U. S. Forest Service.		
Gillette	Campbell	4,546	7																J. W. Peper.		
Horse Creek	Fremont	8,000	1	47.0		71	22	27	12 ^d	40		3.78	0.0	16	6	10	14	w.	M. H. Shields.		
Hunters Station	Johnson	8,000	7	52.4		77 ^d	22	32 ^d	5	34 ^d		4.45	0.0	14	9 ^d	8 ^d	9 ^d	w.	U. S. Forest Service.		
Hyattville	Bighorn	4,632	14	68.1	+ 4.1	96	17	45	5	46		0.24	0.0	5	3	11	16	w.	Do.		
Jireh	Niobrara	5,100	3									2.46	0.0	11	5	25	0	se.	P. L. Ford.		
Kinnebar	Fremont		9	63.4		89 ^a	15 ^a	39 ^a	12	45 ^a		0.46	0.0	4	10 ^a	15 ^a	4 ^a	w.	John C. Hays.		
Kirtley	Niobrara		9	62.8		88	28	39	30	39		1.70	0.0	8	17	10	3	s.	D. M. Zumbrennen.		
Kirwin	Park	9,187	4	45.2		64	20 ^t	27	12	29		4.06	0.0	9	3	20	7	w.	C. L. Tewksbury.		
Knowles	Crook	4,500	4									3.39	0.0	8	15	14	1	e.	Geo. A. Knowles.		
Lagrange	Goshen	4,720	3	66.4		95	28	42	30	43		1.94	0.0	14	16	11	3	s.	Owen Shupp.		
Lander	Fremont	5,372	21	62.1	+ 0.8	88	22	40	29	40		1.0	0.0	9	8	16	6	sw.	U. S. Weather Bureau.		
Laramie	Albany	7,188	22	58.1	+ 1.7	81	28	38	1	37		1.70	+ 0.56	10	20	8	2		University of Wyoming.		
Leo	Carbon	6,878	11																C. A. Cowdin.		
Lolabama Ranch	Park	7,052	9	53.4		78	12	28	16	44		0.80	0.0	9	11	16	3	w.	Mary E. Painter.		
Lovell	Bighorn	3,825	9																R. Fred Harrison.		
Lusk	Niobrara	5,007	22	61.0	- 0.5	92	22 ^t	40	7 ^t	52		2.15	- 0.16	0.60	0.0				D. E. Goddard.		
Manville	do.	5,050	3									2.72	0.0	9	2	25	3	se.	L. C. Stoddard.		
Moocerof	Crook	4,311	9	66.8		93	17 ^t	47	7	41		1.43	0.0	9	9	18	3	s.	C. T. McCampbell.		
Moore	Albany	6,000	12	59.2	+ 0.1	87 ^f	28	36 ^f	2	47 ^f		0.79	0.0	7	1	19 ^f	4 ^f	e.	Edwin Moore.		
Newcastle	Weston	4,319	6	68.6		94	22 ^t	45	7	36		1.91	0.0	8	5	20	5	w.	Dr. S. W. Johnson.		
Pathfinder	Natrona	5,735	7	64.9	+ 1.7	88	20 ^t	44	12	37		1.28	+ 0.22	0.43	0.0	9	6	24	0	sw.	U. S. Reclamation Service.
Pinebluff	Laramie	5,038	10	65.1	+ 2.9	94 ^f	27	40 ^f	10	40 ^f		2.03	- 0.02	0.91	0.0	8	12 ^b	1 ^b	9 ^b	C. L. Beatty.	
Pine Ridge	Crook		1									3.90	0.0	8	2	17	11	nw.	J. E. S. Altaffer.		
Powell	Park	4,376	5	64.6		89	21	43	12	36		1.65	0.0	10	4	11	15	nw.	U. S. Reclamation Service.		
Rawlins	Carbon	6,748	11	61.2	+ 1.0	85	22	38	12	38		1.97	+ 0.86	0.56	0.0	8	12	13	5	w.	E. J. Ehrenfeld.
Rock River	Albany	6,900	1	59.6		86	22	37	12	43		0.22	0.09	0.0	6	23	5	2	w.	Rock Creek Conservation Co.	
Rockypoint	Crook		1									2.19	1.15	0.0	8	14	12	4	se.	P. Woxen.	
Saratoga	Carbon	6,785	15	60.4	+ 1.8	88	22	31	12	44		2.15	+ 1.28	0.90	0.0	6	12	9	9	w.	R. G. Hamilton.
Seven Mile Creek	do.		2	53.6		75 ^r	27	30 ^r	2	38 ^r		2.84	1.89	0.0	13	9 ^b	0 ^b	10 ^b	w.	U. S. Forest Service.	
Sheridan	Sheridan	3,790	18	64.0	+ 3.7	90	22	43	5	37		3.90	1.28	0.0	13	7	21	2	se.	U. S. Weather Bureau.	
Shoshone Dam	Park	5,385	7	62.7		86	22	45	12	33		2.15	0.97	0.0	7	3	25	2	w.	U. S. Reclamation Service.	
South Pass City	Fremont	7,796	11	51.0		75	20	28	5	43		1.17	0.37	0.0	11	4	17	9	sw.	John Sherlock.	
Sundance	Crook	4,750	1	62.4		88	22 ^a	40	7	38		1.75	0.50	0.0	8	11	17	2	w.	Geo. W. Ashdown.	
Thermopolis	Hot Springs	4,350	9	66.0		93	22	43	30 ^t	42		1.09	0.29	0.0	10	11	17	2	sw.	A. L. Dubig.	
Ulm	Sheridan	4,448	1	64.1		94	22	42	1	43		2.75	1.00	0.0	10	3	26	1	se.	W. H. Coleman.	
Upton	Weston		1	60.8		95	28	41	5	46		2.63	0.80	0.0	5	10	14	6	se.	Ray C. Thompson.	
Verona	Sheridan	4,360	4									2.21	0.70	0.0	6	7	23	0	se.	O. A. Rode.	
Wheatland	Platte	4,700	2	64.1		104	16	33	12	62		2.10	0.67	0.0	9	3	22	5	sw.	C. A. Rockwell.	
Wiant's Ranch	Carbon	7,400	3									2.10	0.0	0	3	22	5	sw.	Ira G. Wiant.		
Woodrock	Sheridan	8,500	2									2.76	0.0	0	18	8	16	6	sw.	U. S. Forest Service.	
Worland	Washakie	4,033	2	67.2		95 ^a	22	43 ^b	5	42 ^b		1.66	0.75	0.0	9	6	23	1	nw.	Prof. B. C. Buffum.	
Wynote	Goshen	4,186	6	64.2		90	22 ^a	40	30	42		2.66	0.66	0.0	9	2	28	0	nw.	U. S. Reclamation Service.	
Yellowstone Park	Yellowstone Park	6,200	25	54.9	- 1.1	76	19	37	15	36		2.09	+ 0.45	0.79	0.0	15	3	16	11	sw.	U. S. Weather Bureau.
Fountain	do.	7,220	7									2.57	0.70	0.0	12	9	3	18	sw.	U. S. Army.	
Gallatin	do.	7,400	2									0.65	0.20	0.0	4	9	0	21	se.	Do.	
Grand Canyon	do.	7,900	6	47.8		73	2	27 ^j	1	45 ^j		2.40	1.00	0.0	11	3	14	13	w.	Do.	
Lake Yellowstone	do.	7,733	9	48.9		70	16 ^t	29	3	39		1.07	0.21	0.0	10	11	0	19	se.	Do.	
Norris	do.	7,500	9	49.0		71	22														

TABLE 1.—Climatological data for June, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.					Number of rainy days, 0.01 inch or more.	Sky.				Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Number of overcast days.		
Montana—Continued.																					
Busby	Big Horn		9	64.4	+ 3.3	89	27	38	9†	45	2.56	+ 0.39	0.84	0	9	6	23	1	e.	Rev. G. A. Linscheld.	
Busteed	Stillwater		5	61.2		83	1	39		40	2.66		0.40	0	14	7	18	5	w.	T. H. Busteed.	
Canyon Ferry	Lewis and Clark	3,644	14	64.0	+ 1.3	88	9	41	15	40	3.19	+ 1.00	1.48	0	11	11	12	7	nw.	W. L. Kirk.	
Cascade	Cascade	3,361	8	62.4	+ 1.7	87	1	39	15	45	3.74	- 0.11	1.25	0	16	6	20	4	sw.	Dr. E. E. James.	
Chessman Reservoir	Lewis and Clark	6,275	4	52.3		74	1†	31	15	35	5.00		1.80	0	15	14	7	9	sw.	C. D. Schmidt.	
Chester	Hill	3,140	9	64.2	+ 5.0	87	10	45	4†	41	2.98	+ 0.16	1.00	0	8	13	17	0	e.	C. F. Baker.	
Chinook	Blaine	2,502	14	65.2	+ 1.4	90	10	43	6	40	2.90	+ 0.30	1.16	0	11	13	15	2	w.	T. O'Hanlon Co.	
Clearcreek	do		7																	Cortez Sedgewick.	
Clydepark	Park	5,027	1	60.6		83	3†	34	15	41	3.16		0.90	0	13	5	7	18	se.	J. H. Eymann.	
Conrad	Teton		2	61.8		87	1	37	15	42	1.61		0.63	0	9	15	12	3	w.	Robert J. Kelly.	
Copper	Meagher		2								3.53		1.07	0	12	10	15	5	w.	Orville Harris.	
Crow Agency	Big Horn	3,041	30	67.2	+ 2.3	89	4	46	3	39	1.65	- 1.14	0.49	0	9	12	15	3	.....	Harry Throssell.
Culbertson	Sheridan	1,927	10	66.8	+ 2.1	92	23	38	7	39	2.82	- 0.24	0.65	0	14	7	16	7	w.	G. H. Coulter.	
Cut Bank	Teton	3,700	14	61.0	+ 4.9	84	1†	39	16	41	2.58	- 0.33	1.11	0	8	20	8	2	w.	Chas. N. Thomas.	
Denton	Fergus	3,500	4	62.6		85	1†	44	3†	36	4.23		1.30	0	13	13	9	8	sw.	P. J. Griesenauer.	
Dillon	Beaverhead	5,147	15	57.0	- 3.5	84	23	34	16	43	6.02	+ 3.69	1.03	0	25	1	16	13	sw.	Prof. J. E. Monroe.	
Dunkirk	Hill	3,293	1								2.04		0.58	0	8	20	6	4	w.	B. C. Protzman.	
Ekalaka	Custer		12	65.9	+ 3.2	92	14†	41	6	44	2.24	- 0.13	0.55	0	10	19	3	8	w.	William Freese.	
Fallon	do	2,208	8	67.8		91	23	47	1	39	2.93		0.68	0	11	10	17	3	se.	Mrs. A. C. Gifford.	
Fludon	Meagher	6,000	1	56.0		75	1	36	15	42	6.13		0.96	0	19	9	8	23	w.	Lewis Cameron.	
Flathead Creek	Gallatin	6,000	2	51.0		80	1	36	3†	41	6.44		1.40	0	18	4	4	12	nw.	Alta Williams.	
Forsyth	Rosebud	2,514	6	68.8		94	22	43	4	40	2.77		0.60	0	10	14	7	9	nw.	H. Mackenzie.	
Fort Benton	Chouteau	2,630	33																	Jere Sullivan.	
Fort Shaw	Cascade	3,500	24	62.6	+ 1.6	86	1	42	7	40	3.01	+ 0.78	0.53	0	13	6	7	17	sw.	U. S. Reclamation Service.	
Foster	Big Horn		3	66.2		89	4†	45	1†	43	2.34		0.47	0	12	16	11	2	sw.	E. K. Bowman.	
Garnell	Fergus	5,500	4	57.9		79	12	36	30	35	3.30		1.30	0	19	1	9	20	se.	Thos. E. Scally.	
Geysers	Cascade	4,147	4	67.7		80	1†	55	25	20	4.97		1.44	0	17	8	17	3	se.	I. G. Finrock.	
Glasgow	Valley	2,092	16	65.8	+ 2.1	91	11	44	5	41	2.33	- 0.06	0.68	0	13	8	11	11	ne.	W. M. Leonard.	
Glendive	Dawson	2,069	23	69.3	+ 3.4	94	23	36	2	37	2.23	- 1.00	0.88	0	9	12	14	4	se.	E. C. Leonard.	
Gold Butte	Hill		5	62.0		87	1	42	16	39	2.19		0.45	0	12	9	16	5	w.	Joseph Berthelote.	
Graham	Custer		7	66.3		82	22†	46	4	39	2.86		1.06	0	11	16	13	1	se.	J. S. Rue.	
Great Falls	Cascade	3,350	21	65.4	+ 2.6	88	1	47	15	38	2.94	- 0.36	0.74	0	15	7	19	4	w.	S. H. Bauman.	
Harlowton	Meagher	4,165	5	62.8		86	18†	35	1	50†	3.26		0.95	0	14				e.	Joseph Muir.	
Havre	Hill	2,505	33	65.2	+ 2.8	88	9	44	25	37	1.48	- 1.34	0.63	0	14	11	12	7	e.	U. S. Weather Bureau.	
Hebgen Dam	Gallatin	6,700	7	53.8		76	3†	36	11	39	3.90		0.76	0	16	1	17	12	s.	T. L. Carson.	
Helena	Lewis and Clark	4,110	33	61.4	+ 0.8	85	1	42	15	34	2.64	+ 0.53	0.98	0	20	6	9	15	s.	U. S. Weather Bureau.	
Highwood	Chouteau		6								4.18		1.20	0	14	5	11	14	sw.	W. S. McCord.	
Huntley	Yellowstone	3,014	7	65.9		90	1	45	8	38	1.96		0.42	0	11	15	14	1	se.	U. S. Reclamation Service.	
Jordan	Dawson		2								3.46		0.89	0	13	16	7	7	w.	Jos. P. Parker.	
Knobles Ranch	Hill		2								6.33	+ 3.01	1.64	0	15	14	5	11	w.	F. H. Knoble.	
Lewistown	Fergus	4,010	15	61.2	+ 2.7	84	1	42	15	34	2.05		0.46	0	10	19	8	3	w.	W. W. Watson.	
Lonetree	Chouteau	3,280	7	64.9		88	9	42	15	37	3.90		0.95	0	10	19	8	3	w.	E. Wilson.	
Lotbair	Hill	3,301	1	62.6		88	10	43	14	40	3.00		0.50	0	7	19	8	3	w.	James H. Whiteley.	
Lytle	Chouteau		1	62.3		87	9	38	15	38	1.77		0.50	0	13	17	12	1	sw.	J. F. Falt.	
Malta	Valley	2,340	6	65.5		90	10	37	6	39	2.44		1.00	0	11	18	9	3	se.	U. S. Reclamation Service.	
Medicine Lake	Sheridan		2	65.3		90	11†	39	3†	37	2.27		0.90	0	12	18	8	4	se.	J. S. Collier.	
Melstone	Musselshell	2,903	1	67.0		87	1†	46	6	38	4.42		1.10	0	13	13	13	4	nw.	C. W. Greening.	
Mildred	Custer		4								3.62		1.37	0	10	10	19	1	ne.	Leon B. Clark.	
Miles City	do	2,371	21	69.2	+ 3.2	90	4	47	6	38	3.32	+ 0.55	0.95	0	15	7	22	1	se.	U. S. Weather Bureau.	
Norris	Madison	4,845	6	60.7		85	1	41	16	34	5.72		0.74	0	18	3	18	9	s.	Madison River Power Co.	
Nelson Creek	Jefferson	6,345	4								3.79		0.85	0	11	5	20	5	w.	Robert Olsen.	
Pinegrove	Musselshell		1	57.6		80	10	36	5	36	3.92		0.78	0	16	8	30	2	w.	G. W. White.	
Pipestone Pass	Jefferson	7,000	4								2.57		0.47	0	11	20	4	6	se.	Mrs. T. Keirmeyer.	
Plevna	Custer	2,757	1	65.0		89	14	42	1	41	4.21		0.47	0	10	18	8	4	se.	C. C. Conser.	
Poplar	Sheridan	2,020	27	67.3	+ 2.3	96	23	41	7	40	2.42	- 0.49	0.65	0	10	18	8	4	se.	H. M. Coster.	
Red Lodge	Carbon	5,543	13	57.7	+ 0.8	80	22	36	12†	41	2.68	+ 0.20	0.67	0	11	7	17	6	sw.	I. A. Draper.	
Renova	Jefferson	4,383	14	59.4	- 1.1	82	3†	41	1†	40	3.43	+ 1.31	0.63	0	17	13	10	7	sw.	F. B. Elmer.	
Ryegate	Musselshell	3,640	3	63.4		91	2†	42	18†	43	4.16		1.10	0	11	21	5	4	w.	H. W. Scherfenberg.	
Savage	Dawson	2,050	7	67.4		92	22	43	1†	38	2.22		1.10	0	8	17	12	1	se.	U. S. Reclamation Service.	
Shelby	Teton	3,276	1	62.8		86	1	41	16	41	2.46		0.65	0	11	15	7	8	sw.	Olaf C. Field.	
Sidney	Dawson		2	67.0		89	12†	42	6	37	1.47		0.37	0	7	7	7	15	n.	P. F. Blake.	
Springbrook	do		11	65.9	+ 3.0	90	11†	34	2	48	3.39	- 0.80	1.10	0	13	12	15	3	se.	Mrs. H. L. Miller.	
Sunlit Farm	Blaine		1	61.2		86	10	33	6	39	3.00		1.51	0	8	14	8	8	se.	C. R. Noyes.	
Sun River Canyon	Teton	4,650	2	60.4		84	9	40	6†	39	4.20		1.20	0	11	9	13	8	w.	U. S. Reclamation Service.	
Three Forks	Gallatin	4,066	1	61.9		85	1†	41	13†	38	3.37		0.58	0	19	9	6	15	sw.	C. E. Adams.	
Utica	Fergus	5,000	18	59.6	+ 1.1	89	10	39	3	39	4.64	+ 1.25	1.33	0	15	14	14	2	w.	P. W. Korell.	
Valentine	do		6	63.8		80	10	40	30	41	4.69		1.62	0	10	12	13	4	w.	B. M. Bean.	
Valler	Teton		1	61.3		83	1	39	15	40	3.98		1.45	0	11	9	13	8	w.	Ford, Bacon, and Davis.	
Wall Rock Mountain	Broadwater	5,600																			

TABLE 1.—Climatological data for June, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.				Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.			Number of cloudy days.
North Dakota—Contd.																			
McHenry (near)	Eddy	3	65.3	...	97	28	6	47	2.36	0.72	0	10	21	9	0	ne.	P. E. Truden.		
Marmarth (near)	Bowman	4	65.0	...	93	22	6	42	2.42	0.83	0	10	13	7	10	se.	S. P. Crane.		
Marstonmoor	Stutsman	4	65.3	...	97	28	6	39	2.48	0.65	0	10	13	15	2	se.	H. H. McCumber.		
Medora	Billings	2,225	19	70.6	+ 7.5	101	24	39	1.80	- 1.62	0	10	...	...	...	nw.	Frank Gotschall.
Melville	Foster	1,590	6	67.0	...	100	23	32	2.11	0.87	0	10	...	...	...	se.	J. P. Kidder.
Mott	Hettinger	1,955	21	64.9	- 0.5	98	23	41	4.31	+ 0.53	0	12	8	10	se.	O. H. Opland.			
Napoleon	Logan	2,400	19	67.3	+ 4.9	100	23	33	1.99	- 0.52	0	12	9	11	se.	C. J. Roof.			
New England	Hettinger	1,531	2	65.7	...	94	28	39	2.80	0.50	0	11	16	12	2	se.	J. M. Connolly.		
New Rockford	Eddy	2,163	8	67.0	...	99	23	40	2.00	0.60	0	10	23	4	3	se.	J. V. M. Sundberg.		
New Salem	Morton	...	4	65.5	...	100	23	30	3.12	0.90	0	10	19	5	6	se.	J. E. Goforth.		
Orange	Adams	...	...	...	...	...	...	...	...	0.51	0	6	...	...	...	...	R. E. Sheriff.
Ranger	Billings	...	...	...	...	...	...	...	...	...	0	...	...	...	...	...	H. A. Crandall.
Rouda	Mercer	...	...	...	...	...	...	...	...	...	0	...	...	...	...	...	H. S. Wood.
Steele	Kidder	1,857	16	66.4	+ 3.7	97	23	37	1.33	- 2.00	0	9	19	11	0	se.	E. G. Ranum.		
Turtle Lake	McLean	...	1	66.4	...	100	23	32	1.94	0.35	0	14	17	6	7	se.	W. R. Peterson.		
Washburn	do	1,734	15	67.6	+ 3.5	97	23	36	2.61	- 0.52	0	8	8	19	3	se.	U. S. Weather Bureau.		
Williston	Williams	1,875	34	65.7	+ 2.2	94	23	42	2.08	- 1.49	1.00	0	10	8	6	se.			
South Dakota.																			
Aberdeen	Brown	1,300	23	69.7	+ 3.8	100	28	36	3.90	- 0.15	0.90	0	10	22	3	2	ne.	D. G. Gallett.	
Academy	Charles Mix	14	73.6	+ 5.5	99	23	41	8	3.75	+ 0.13	1.95	0	6	23	5	2	se.	I. T. Lothrop.	
Alexandria	Hanson	1,352	25	70.0	+ 2.2	96	16	45	3.90	- 0.27	1.54	0	4	28	2	0	se.	C. H. Stillwell.	
Armour	Douglas	1,521	18	71.8	+ 3.8	101	27	39	1.29	- 2.71	0.69	0	3	...	...	...	T. J. Markey.
Bellefouche	Butte	3,900	5	65.2	...	96	23	43	3.05	2.60	0	4	1	24	5	se.	U. S. Reclamation Service.		
Blunt	Hughes	1,621	...	...	...	...	...	...	0.37	0.25	0	2	8	19	3	se.	James A. Howard.
Britton	Marshall	1,354	...	68.8	...	99	18	33	1.80	0.75	0	9	18	10	2	se.	W. S. Given.		
Brookings	Brookings	1,636	24	69.2	+ 4.3	94	15	38	1.96	- 1.77	0.62	0	8	19	10	1	se.	Experiment Station.	
Bryant	Hamlin	1,846	1	...	...	...	...	...	3.17	1.10	0	7	15	15	0	se.	E. D. Landon.
Camp Crook	Harding	3,000	20	65.6	+ 2.5	93	22	41	1.43	- 0.92	0.65	0	9	14	12	4	se.	U. S. Forest Service.	
Canton	Lincoln	1,248	18	70.0	+ 2.3	93	15	40	4.57	- 0.19	1.63	0	6	28	2	0	se.	John H. Holsey.	
Castlewood	Hamlin	1,685	8	67.7	...	93	19	36	1.97	1.00	0	10	13	5	12	se.	M. N. Bradley.		
Centerville	Turner	1,229	16	70.8	...	97	17	42	10	2.71	0	6	21	8	1	se.	Frank Williams.		
Clark	Clark	1,779	21	68.0	+ 3.0	94	28	38	3.62	- 0.50	2.08	0	10	15	15	0	se.	O. H. La Craft.	
Cottonwood	Stanley	2,414	5	72.6	...	104	28	48	9	4.59	0.51	0	3	11	14	5	se.	Experiment Station.	
Custer	Custer	5,316	1	...	...	...	...	...	2.48	0.75	0	9	14	15	1	sw.	R. P. Byers.
Daviston	Perkins	3	66.0	...	92	27	39	7	44	3.23	1.08	0	6	16	19	5	se.	Dyson Byers.	
Deadwood	Lawrence	4,535	4	63.2	...	92	23	42	1	4.21	1.00	0	4	17	9	4	sw.	R. E. Grimshaw.	
Deerfield	Pennington	6,000	4	...	...	...	...	...	4.21	1.24	0	13	14	8	8	sw.	Frank E. Miller.
De Smet	Kingsbury	1,726	20	69.0	+ 3.2	94	19	39	3.6	- 1.37	0.68	0	5	9	21	0	se.	W. E. White.	
Dowling	Stanley	2,250	4	69.6	...	100	28	39	8	2.40	1.95	0	3	19	10	1	se.	M. P. Dowling.	
Dumont	Lawrence	6,195	4	...	...	...	...	...	3.64	1.01	0	10	19	9	2	sw.	A. B. Wood.
Eagle Butte	Dewey	2,415	1	69.8	...	102	28	44	7	0.80	0.30	0	7	13	17	0	se.	Dr. John F. Chandler.	
Eales	Potter	...	2	...	...	...	...	...	1.89	0.82	0	10	20	8	2	se.	A. H. Peterson.
Elk Mountain	Custer	4,700	4	...	...	...	...	...	1.99	0.43	0	8	11	11	8	se.	James E. Blaine.
Ellingson	Perkins	...	1	65.7	...	98	23	42	0	4.75	2.34	0	8	14	12	4	se.	Carl G. Moen.	
Englewood	Lawrence	5,723	4	...	...	...	...	...	...	...	...	...	...	...	...	...	W. P. Wagner.
Eureka	McPherson	1,884	4	68.9	...	99	18	33	7	4.3	0.92	0	11	13	16	1	se.	Experiment Station.	
Fairfax	Gregory	...	9	72.1	...	98	27	40	1	1.75	0.60	0	6	26	4	0	se.	U. G. Stevenson.	
Faith	Meade	2,560	18	69.2	...	101	23	41	6	4.4	0.78	0	6	2	21	7	se.	Robert R. Saul.	
Faulkton	Faulk	1,595	18	72.0	+ 6.6	101	27	49	31	3.9	0.32	0	9	23	5	2	se.	Miss Belle Talcott.	
Flandreau	Moody	1,565	23	69.0	+ 3.6	94	17	40	7	4.47	+ 0.30	1.50	0	7	16	10	4	se.	D. R. McLean.
Forestburg	Sanborn	1,231	21	73.8	+ 7.3	100	17	41	10	3.7	- 2.19	0.65	0	7	24	5	1	se.	S. S. Judy.
Fort Meade	Meade	3,624	30	65.2	+ 0.6	91	24	42	8	2.6	- 1.51	1.00	0	7	16	6	8	se.	Post Hospital.
Frederick	Brown	1,371	4	69.4	...	99	28	33	7	5.0	0.75	0	12	...	...	...	J. E. Jeffers.
Goldfield	Meade	3,000	4	66.0	...	96	23	38	11	4.4	1.10	0	10	13	7	7	sw.	H. M. Alexander.	
Greenmont	Lawrence	6,430	4	...	...	...	...	...	2.70	0.90	0	6	6	22	2	w.	A. C. Hoffbuhr.
Greenwood	Charles Mix	...	19	73.6	+ 3.9	99	14	42	7	4.0	1.53	0	5	24	6	0	se.	T. C. Williamson.	
Hardingrove	Stanley	...	1	71.4	...	104	28	36	10	4.8	0.38	0	2	7	19	4	sw.	Mrs. Laura Sinclair.	
Hardy Ranger Station	Lawrence	6,600	3	...	...	...	...	...	4.44	1.12	0	10	3	19	8	sw.	Mrs. Mary M. Schmidt.
Harveys Ranch	do	6,282	3	...	...	...	...	...	3.67	1.15	0	10	12	12	6	w.	Jerome Harvey.
Hermosa	Custer	3,278	7	66.8	...	95	23	44	7	4.0	1.48	0	11	15	8	7	n.	S. M. Booth.	
Highmore	Hyde	1,890	20	71.0	+ 3.4	103	27	38	42	0.97	0.36	0	5	17	9	4	se.	Experiment Station.	
Hopewell	Stanley	...	3	72.4	...	106	28	44	7	4.2	0.13	0	3	12	16	2	se.	E. R. Myers.	
Hot Springs	Fall River	3,443	7	70.2	...	95	23	46	7	4.0	0.90	0	6	13	2	15	se.	John S. Goodrell.	
Howard	Miner	1,564	21	69.1	+ 4.1	95	28	36	7	4.3	1.18	0	7	...	...	...	J. J. Cox.
Howell	Hand	...	11	69.6	+ 4.4	101	27	36	49	1.66	- 1.27	0.83	0	7	18	11	1	se.	M. A. Shuster, jr.
Huron	Beadle	1,306	31	70.6	+ 4.0	98	17	36	34	1.06	- 2.72	0.76	0	4	16	14	0	se.	U. S. Weather Bureau.
Ipswich	Edmunds	1,530	16	69.3	+ 4.4	100	18	33	7	2.78	- 0.53	0.92	0	11	6	24	0	se.	H. J. Dailey.
Kadoka	Stanley	2,467	4	4.0	Rev. D. S. Brown.	
Kennebec	Lyman	1,689	20	72.9	+ 5.2	103	28	42	11	0.94	- 2.09	0.55	0	3	22	6	2	se.	R. C. Van Horn.
Kimball	Brule	1,788	27	71.3	+ 4.1	98	17	38	7	3.9	- 0.17	1.43	0	7	26	3	1	se.	G. D. Rose.
La Delle	Spink	1,400	16	70.6	+ 4.3	99	18	44	8	3.7	- 0.80	1.65	0	8	15	11	4	se.	E. L. Ebbert.
Lead	Lawrence	5,200	4	63.2	...	86	23	40	7	3.0	1.00	0	11	6	19	5	...	E. F. Irwin.	
Lemmon	Perkins	2,345	4	J. C. Foot.	
Marion	Turner	1,447	12	71.2	+ 4.4	95	15	39	10	3.6	- 1.37	1.76	0	5	16	14	0	se.	M. H. Dains.
Marston	Sully	...	5	70.4	...	105	27	44	7	4.7	0.61	0	2	8	15	7	se.	J. W. Kczel.	
Meadow	Perkins	...	18	65.2	...	96	23	42	6	3.6	1.18	0	8	19					

TABLE 1.—Climatological data for June, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.				Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelting.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.			Number of cloudy days.	
South Dakota—Contd.																					
Redfield	Spink	1,295	15	71.3	+ 6.1	103	23†	37	7	43	1.68	- 1.12	0.60	0	9	21	2	7	s.	A. S. Hall.	
Rochford	Pennington	5,228	3	70.4	+ 3.5	100	27	39 ^e	7	39	2.15	- 2.22	1.10	0	8	13	11	6	s.	Mrs. M. E. Deffenbaugh.	
Rosebud	Todd	2,600	19	67.2	.....	96	27†	36	7	36	0.43	.....	0.28	0	4	10	19	1	sw.	W. M. Ege.
Roslyn	Day	.....	7	69.6	.....	98	28	37	7	40	1.28	.....	0.77	0	7	17	13	0	s.	O. O. Floren.
Selby	Walworth	.....	5	70.8	+ 2.8	96	17	40	8	41	2.62	.....	1.45	0	7	20	2	1	nw.	Miss Gertrude Hall.
Sioux Falls	Minnehaha	1,400	22	68.8	.....	97	23	42	3†	40	5.14	+ 0.87	1.70	0	7	19	5	3	s.	J. H. Bechtold.
Sisseton	Roberts	1,202	7	64.8	.....	96	28	36	10	40	2.45	.....	0.90	0	7	21	5	4	sw.	George Gray.
Sorum	Perkins	.....	2	65.0	+ 1.5	93	23	40	7	32	6.05	.....	1.78	0	9	14	10	6	se.	M. S. Eberhart.
Spearfish	Lawrence	3,647	24	71.2	.....	103	27	42	10	45	2.73	- 1.40	1.12	0	8	14	12	4	se.	A. E. Johnson.
Stephan	Hyde	1,840	9	.....	.....	102	23	44	7	42	1.98	.....	0.55	0	8	16	13	1	se.	Rev. A. Mattingly.
Tama	Meade	.....	3	.....	.....	102	23	44	7	42	1.80	.....	0.90	0	3	21	6	3	se.	E. J. Lehman.
Timber Lake	Dewey	2,163	1	70.9	.....	104	23	44	7	39	3.18	.....	1.14	0	9	2	26	2	se.	W. E. Prann.
Tyndall	Bonhomme	1,418	16	72.1	+ 3.2	93	15†	42	7†	39	2.97	- 0.27	0.93	0	7	18	12	0	se.	F. F. Chladek.	
Vale	Butte	2,765	5	67.4	.....	97	23	41	7	42	2.66	.....	0.77	0	8	3	21	6	se.	U. S. Reclamation Service.
Vermilion	Clay	1,222	12	73.4	+ 4.5	99	15†	40	11	42	2.03	- 2.21	1.58	0	4	18	11	1	s.	Prof. E. C. Perisho.	
Waters Ranch	Lawrence	4,000	3	.....	.....	103	27	42	10	45	1.18	.....	0.39	0	8	12	10	8	e.	George Waters.
Watertown	Codington	1,735	19	69.0	+ 5.2	93	18†	38	10	37	4.30	+ 0.79	2.00	0	8	17	13	0	s.	Robert Q. Wood.	
Wentworth	Lake	20	30	68.2	+ 3.0	92	15†	40	7	35 ^e	2.84	- 0.95	1.52	0	7	27	3	0	s.	R. C. Zimmerman.	
Wessington Springs	Jerauld	1,410	13	.....	.....	104	27	34	3	50 ^e	.....	.....	0.56	0	5	17	12	1	sw.	Mrs. N. J. Dunham.
White Lake	Aurora	1,646	4	.....	.....	106	27	39	7	44	0.49	.....	0.23	0	5	21	5	4	se.	Mrs. G. A. Rogers.
Winner	Tripp	2,000	1	73.4 ^e	.....	104	27	39	7	44	1.56	.....	0.56	0	5	17	12	1	sw.	J. W. Barnum.
Wood	Mellette	.....	1	73.4	.....	106	27	39	7	44	0.49	.....	0.23	0	5	21	5	4	se.	Fred E. Kirch.
Yankton	Yankton	1,234	39	71.9	+ 2.5	98	15	44	8	34	4.58	+ 0.31	2.24	0	8	12	17	1	s.	U. S. Weather Bureau.	
Minnesota.																					
Pipestone	Pipestone	1,710	12	67.8	+ 3.1	92	15†	40	6†	32	4.64	+ 1.13	2.01	0	6	15	13	2	se.	A. L. Doan.	
Colorado.																					
Arriba	Lincoln	5,243	7	64.8	.....	93	26	38	8	39	1.57	.....	0.89	0	8	16	11	3	s.	C. A. Creel.
Auldurst	Teller	8,500	3	.....	.....	.....	.....	.....	.....	.....	2.30	.....	1.35	0	13	6	17	7	s.	Harry Dunmire.
Bennett (near)	Arapahoe	5,484	5	.....	.....	.....	.....	.....	.....	.....	1.08	.....	0.75	0	4	22	7	1	s.	J. F. Egelhoff.
Boulder	Boulder	5,347	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	12	9	18	3	se.	Prof. J. A. Hunter.
Burlington	Kit Carson	4,160	10	68.3	+ 0.9	100	26	40	8	42	2.39	- 0.39	0.75	0	12	9	18	3	se.	W. P. Davis.	
Cassells	Park	8,445	3	.....	.....	.....	.....	.....	.....	.....	2.31	.....	0.74	0	10	19	7	4	e.	Harriet M. Cassell.
Castle Rock	Douglas	6,220	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	7	8	18	4	s.	Thos. P. Vaughan.
Cheesman	Jefferson	6,890	10	60.4	- 0.3	82	26†	41	3†	37	1.20	- 0.41	0.36	0	7	8	18	4	s.	J. G. Thornburg.	
Cheyenne Wells	Cheyenne	4,279	21	68.4	+ 0.3	101	26	42	8	41	3.03	+ 0.23	1.00	1.0	9	24	3	3	se.	J. W. Adams.	
Corona	Corona	11,660	6	42.2	.....	60	27	25	11†	27	2.87	.....	0.73	0	20	.....	.....	.....	w.	U. S. Weather Bureau.
Denver	Denver	5,272	41	67.0	+ 0.6	95	27	46	13	39	1.10	- 0.37	0.76	0	7	9	18	3	sw.	Do.	
Edgewater	Jefferson	5,450	5	63.3	.....	91	27	40	13†	45	1.30	.....	0.43	0	8	18	10	2	sw.	N. P. Levin, M. D.
Estes Pk. Fish Hatch	Larimer	8,000	4	.....	.....	.....	.....	.....	.....	.....	1.11	.....	0.58	0	7	1	10	19	w.	G. H. Thomson.
Fort Collins	do.	4,985	34	63.2	- 0.6	90	27	40	13	40	0.15	- 1.44	0.06	0	4	8	11	11	sw.	Colorado Agr. College.	
Fort Lupton	Weld	4,907	3	.....	.....	.....	.....	.....	.....	.....	0.99	.....	0.35	0	4	10	14	6	s.	C. B. Benedict.
Fort Morgan	Morgan	4,319	15	67.9	- 0.7	96	26†	42	8	52	1.12	- 0.50	0.74	0	4	23	6	1	se.	Great Western Sugar Co.	
Frances	Boulder	9,300	8	54.4	.....	74	15†	35	7†	31	1.36	.....	0.42	0	16	1	28	1	w.	C. W. Barry.
Frys Ranch	Larimer	7,500	3	55.4	.....	82	15	33	12	43	1.20	.....	0.43	0	9	14	11	5	w.	Norman W. Fry.
Georgetown	Clear Creek	8,550	11	.....	.....	.....	.....	.....	.....	.....	2.50	+ 1.34	0.51	0	16	2	21	7	sw.	H. L. Corbett.
Greeley	Weld	4,619	22	67.4	+ 1.1	95	27	43	13†	46	0.78	- 0.66	0.31	0	4	23	5	2	e.	Burton Reynolds.	
Grover (near)	do.	5,076	9	63.0	.....	92	27	40	2†	43	1.31	.....	0.71	0	8	4	13	10	sw.	D. M. Porter.
Hartsel	Park	8,892	4	.....	.....	.....	.....	.....	.....	.....	2.80	.....	1.14	0	10	5	8	17	nw.	Emily Knecht.
Hawthorne	Boulder	6,000	4	.....	.....	.....	.....	.....	.....	.....	0.29	.....	0.09	0	7	16	12	12	sw.	B. E. Chesbro.
Holyoke (near)	Phillips	3,745	17	64.0	- 2.7	102	27	33	7†	63	1.11	- 1.64	0.32	0	7	14	11	5	se.	A. C. Cauble.	
Idaho Springs	Clear Creek	7,543	13	58.2	0	84	27	37	8	36	1.75	+ 0.65	0.36	0	9	0	30	0	e.	J. J. Willis.	
Julesburg	Sedgwick	3,465
Kersey	Weld	4,571
Laporte	Larimer	5,053	22	0.07	- 1.52	0.07	0	1
Le Roy (near)	Logan	4,380	24	.....	.....	.....	.....	.....	.....	.....	0.52	- 1.84	0.18	0	6	4	21	5	se.	P. A. Taft.
Longmont	Boulder	4,950	12	65.8	+ 0.4	95	26	43	2	48	0.57	- 1.29	0.23	0	5	8	22	0	ne.	Chas. Green.	
Longs Peak (near)	Larimer	8,600	18	51.1	+ 0.7	74	15†	29	1	37	2.28	+ 0.61	0.52	0	10	17	8	5	s.	Great Western Sugar Co.	
Merino	Logan
Moraine	Larimer	7,775	23
Platte Canon	Jefferson	5,492	14	.....	.....	.....	.....	.....	.....	.....	2.69	+ 0.66	1.16	0	7	11	18	1	sw.	Enos A. Mills.
St. Cloud	Larimer	7,750	10
Sedgwick	Sedgwick	3,539	5	67.6	.....	98	26	40	8†	45	2.53	.....	1.76	0	6	16	13	1	se.	Great Western Sugar Co.
Spicer (near)	Jackson	8,700	3	54.7	.....	78	26†	30	12†	42	0.91	.....	0.37	0	4	10	15	5	sw.	Chas. A. Chapman.
Sterling	Logan	3,892	4	67.1	.....	92	27	44	8	42	0.82	.....	0.53	0	4	14	7	9	se.	Denver Union Water Co.
Waterdale	Larimer	5,206	10
Wray	Yuma	3,512	17	70.2	+ 1.2	104	27	40	9	37	2.40	- 0.76	0.70	0	6	5	19	6	s.	Edwin Lewis, M. D.	
Yuma	do.	4,138	22	.....	.....	.....	.....	.....	.....	.....	1.45	- 1.39	1.03	0	5	16	10	4	se.	Frank W. Murphy.
Nebraska.																					
Ainsworth	Brown	2,521	8	71.2	.....	96	15†	47	8†	36	2.48	.....	1.50	0	7					

TABLE 1.—Climatological data for June, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.					Sky.			Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelting.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.		Number of cloudy days.	Prevailing wind direction.
<i>Nebraska—Continued.</i>																				
Broken Bow	Custer	2,477	19	70.8	+ 1.7	100	25	38	7	30	3.32	- 0.97	1.24	0	8	24	3	se.	R. V. McCall.	
Brumby	Thayer	1,583	2								3.44		1.48	0	7	15	13	sw.	Henry Middendorf.	
Burge	Cherry	2,674																	H. A. Davis.	
Burwell	Garfield	2,180									4.03	- 0.39	1.00	0	7				W. L. McMullen.	
Butte	Boyd		6	72.4		98	27	39	9	42	1.74		0.91	0	5	15	14	1	s.	W. Whittle.
Cairo	Hall	1,951	4								3.58		0.92	0	8				Elliott Harrison.	
Callaway	Custer	2,555	20	71.4	+ 3.2	102	26	40	8	40	2.27	- 1.36	0.90	0	6	14	11	5	s.	J. H. Evans.
Cambridge	Furnas	2,258	6	72.8		105	26	41	8	44	2.15		0.80	0	8	18	5	7	s.	Chas. Jensen.
Columbus	Platte	1,442	20	71.1	+ 1.8	99	15	40	10	45	5.74	+ 1.58	2.00	0	10	20	6	4	sw.	A. L. Rush.
Crete	Saline	1,368	30	72.8	+ 2.1	97	15	41	10	46	3.47	- 0.97	2.30	0	8	22	4	4	s.	Doane College.
Culbertson	Hitchcock	2,565	26	74.0	+ 2.4	101	26	48	7	32	3.18	- 0.08	1.32	0	11	16	7	7	se.	Homer L. Nye.
Curly	Sioux																		A. E. Hann.	
Curtis	Frontier	2,553	17	71.7	+ 1.4	97	27	42	8	34	4.96	+ 0.54	1.10	0	16	17	8	5	s.	Dr. S. R. Raze.
Dalton	Cheyenne	4,273																	J. C. Frandsen.	
David City	Butler	1,619	8	71.3	+ 2.1	95	15	44	8	33	5.35	+ 1.11	1.71	0	10	18	10	2	se.	S. Clingman.
Du Bois	Pawnee	1,074	5								2.43		1.30	0	7	19	4	7	s.	O. M. Backus.
Dumas	Garfield		5	69.4		100	15	37	9	40	6.21		2.87	0	9	23	2	0	s.	Emile Raes.
Elm Creek	Buffalo	2,268	6								5.38		2.50	0	5				E. L. Sutton.	
Elsie	Perkins	3,382	5								3.74		1.86	0	10				J. F. Brittain.	
Ericson (near)	Garfield	2,029	20								3.98	+ 0.19	1.82	0	5	17	12	1	sw.	J. A. Bodyfield.
Ewing	Holt	1,888	21	73.3		107	15	41	9	47	2.35	- 1.05	1.09	0	7				G. H. Benson.	
Exeter	Fillmore	1,607									2.51		0.98	0	5				Frank Ainsworth.	
Fairbury	Jefferson	1,316	38	73.6	+ 2.1	98	15	40	10	38	5.36	+ 0.70	2.57	0	6	16	13	1	s.	W. F. Cramb.
Fairmont	Fillmore	1,641	20	71.7	+ 2.0	98	15	39	10	36	2.09	- 2.14	0.45	0	13	17	8	5	s.	C. B. & Q. R. R. Co.
Falls City	Richardson	898	18	74.8	+ 2.0	100	15	43	10	37	2.57	- 1.78	1.06	0	5	21	8	1	se.	Dr. J. C. Yutz.
Fort Robinson	Dawes	3,764	21	68.6	+ 2.4	94	23	41	30	43	0.73	- 2.05	0.30	0	5	17	7	6	s.	Post surgeon.
Franklin	Franklin	1,820	33	73.0	+ 2.0	102	26	46	2	42	2.03	- 1.68	0.71	0	7	12	13	5	se.	A. R. Peck.
Fremont	Dodge	1,203	33	71.8	+ 1.5	98	15	40	8	35	6.11	+ 1.01	1.97	0	9	16	13	1	se.	Ernest Hahn.
Fullerton	Nance	1,629	12	70.3		98	15	41	10	41	7.03	+ 2.03	2.23	0	9	23	6	1	s.	Dr. F. W. Johnson.
Geneva	Fillmore	1,633	23	73.0	+ 1.7	98	15	41	10	42	2.99	- 2.03	1.85	0	10	18	9	3	se.	F. M. Flory.
Genoa	Nance	1,584	38	71.2	+ 1.3	95	15	42	9	35	6.50	+ 2.21	1.59	0	10	21	6	3	se.	F. W. Parsons.
Gordon	Sheridan	3,550	12								2.51	- 0.61	0.84	0	6	18	8	4	s.	G. F. Williams.
Gosper	Dawson	2,587	19	71.7	+ 3.4	100	26	41	8	40	3.58	- 0.61	1.00	0	8	16	9	5	s.	E. H. Stoll.
Gothenburg	Hall	1,860	23	73.7	+ 2.0	101	16	45	10	34	3.88	- 0.75	1.02	0	9	14	9	7	s.	Dr. W. J. Bartholomew.
Grand Island	Perkins	3,405	10	69.7		102	27	38	8	47	1.67	- 1.71	0.70	0	5				E. A. Barnes.	
Grant	Perkins	2,405	18	70.8		97	15	43	10	33	4.00	+ 0.02	1.12	0	10	22	6	2	se.	Anson K. Holmes.
Greeley	Greeley	2,021	13								3.18	- 0.69	1.20	0	6	8	13	9	s.	W. E. Morgan.
Guide Rock	Webster	1,646	16								1.31	- 1.77	0.61	0	3				J. S. Marsh.	
Haiger	Dundy	3,258	11	71.4	+ 3.4	101	27	40	7	43	1.13	- 1.99	0.80	0	6	24	6	0	se.	J. L. Pember.
Halsey	Thomas	2,695	22	71.6	+ 3.6	100	15	42	10	35	3.09	- 1.14	1.48	0	7	16	11	3	sw.	Bureau of Forestry.
Hartington	Cedar	1,309																	D. E. Ewing.	
Harvard	Clay	1,812																	Bert Gregg.	
Hastings	Adams	1,932	23	72.0	+ 1.6	101	26	41	10	38	2.49	- 1.72	0.70	0	10	22	5	3	sw.	C. B. & Q. R. R. Co.
Hayes Center	Hayes	20	70.8			102	26	42	8	42	2.30	- 1.14	0.80	0	10	22	4	4	s.	Jos. M. Crosby.
Hay Springs	Sheridan	3,821	26	67.2	+ 3.3	98	28	42	8	38	1.85	- 1.17	0.84	0	7	2	27	1	se.	A. Kedleck.
Hebron	Thayer	1,458	27	73.2	+ 1.8	97	26	43	10	35	3.02	- 1.67	1.08	0	6				Dr. C. M. Easton.	
Hemingford	Boxbutte	4,256	4								0.68		0.23	0	8				A. S. Enyeart.	
Hendley	Furnas	2,231	2								1.59		0.66	0	6				T. L. Jones.	
Hershey	Lincoln	2,902	4			101	27	38	7	40	4.04		1.40	0	7	20	2	8	s.	G. F. Palmer.
Hillside	Arthur	3,484	4	68.6		101	27	38	7	40	1.82		0.72	0	9	17	10	3	se.	Mrs. M. R. Lloyd.
Holdrege	Phelps	2,324	21	72.3	+ 0.6	101	26	45	8	34	2.63	- 1.16	1.05	0	6	10	12	8	s.	C. B. & Q. R. R. Co.
Hooper	Dodge	1,228	16	73.2	+ 2.8	98	15	45	7	34	8.20	+ 2.52	2.93	0	7	14	4	12	se.	Dr. W. H. Heine.
Hull (near)	Banner	2,228	2								1.46		0.40	0	9	18	2	10	se.	Mrs. W. P. Miller.
Imperial	Chase	3,278	24	69.8	+ 0.9	103	27	40	7	41	2.00	- 1.28	0.64	0	7	8	12	10	se.	Robt. Walcolm.
Kearney	Buffalo	2,146	25	73.6	+ 2.4	103	26	44	9	39	3.05	- 0.83	1.12	0	5	16	13	1	s.	City engineer.
Kimball	Kimball	4,697	18	66.3	+ 1.0	96	27	40	8	44	0.62	- 1.65	0.19	0	5	9	18	3	se.	F. J. Bellows.
Kirkwood	Rock	1,721	5		+ 4.6	101	27	39	7	45	0.93	- 2.95	0.35	0	5	24	5	1	s.	Mrs. C. Arter.
Kowanda	Garden		5								2.02		0.66	0	7				Geo. W. Hulise.	
Lexington	Dawson	2,385	24	71.8	+ 3.5	104	26	44	7	37	4.44	+ 0.80	2.12	0	9	23	0	7	se.	Robt. Chadwick.
Lincoln	Lancaster	1,189	33	74.0	+ 2.4	96	26	42	10	34	2.27	- 2.05	1.07	0	10	13	12	5	s.	U. S. Weather Bureau.
Lodgepole	Cheyenne	3,820	18	68.8	+ 3.2	102	27	37	8	46	1.04	- 1.33	0.34	0	7	9	15	6	e.	R. T. Kidney.
Loup City	Sherman	2,067	18	71.2	+ 2.5	101	26	42	8	39	3.64	- 1.41	1.15	0	9	28	2	0	se.	Harriet Hayhurst.
Lynch	Boyd		18								1.97	- 1.93	1.20	0	4				Anton Basta.	
McCool Junction	York	1,575	18								1.43	- 2.52	0.41	0	7				L. L. Slagel.	
Madison	Madison	1,585	20	71.2	+ 3.0	97	26	42	8	36	2.21	- 1.77	0.60	0	6	22	6	2	se.	Dr. F. A. Long.
Marquette	Hamilton	1,830	34								3.07	- 1.12	1.06	0	10				John Ellis.	
Mary	Brown										2.70		0.85	0	7	24	5	1	sw.	G. C. Stuft.
Mason City	Custer	2,257	12								2.03	- 1.64	0.68	0	6				J. A. Ambsberry.	
Minatare	Scotts Bluff	3,825	4								2.83		2.00	0	6	21	8	1	se.	A. Kennedy.
Minden	Kearney	2,169	36	73.3	+ 3.2	103	26	45	8	38	2.11	- 2.63	1.04	0	6	13	16	1	s.	Joel Hull.
Mitchell	Scotts Bluff	3,950	5	65.6		94	28	42												

TABLE 1.—Climatological data for June, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Sky.				Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of overcast cloudy days.		
<i>Nebraska—Continued.</i>																				
Seward	Seward	1,435	23	72.2	+ 0.2	97	26	43	10	39	2.08	- 2.30	0.78	0	8	18	6	6	se.	C. B. & Q. R. R. Co.
Sidney	Cheyenne	4,090	21								1.89	- 0.01	1.23	0	2	20	8	2	se.	John P. Fischer.
Springfield	Sarpy	1,052	22								3.83		2.32	0	2	20	5	5	se.	L. A. Bates.
Springview	Keyapaha		22	73.8	+ 6.4	100	17	41	7	40	1.72	- 1.73	1.00	0	5	19	8	3	se.	C. L. Phelps.
Stanton	Stanton	1,472	23	70.4	+ 1.5	95	15	41	7	41	4.93	+ 0.75	1.42	0	7	20	9	1	se.	Alfred Pont.
Stapleton	Logan																			F. E. Peterson.
Stratton	Hitchcock	2,804	18								1.57	- 1.60	0.61	0	4					Miss Stella Vennum.
Superior	Nuckolls	1,574	29								2.39	- 1.78	0.87	0	5	5	2			F. V. Bishop.
Syracuse	Otoe	1,059	22	72.7	+ 1.5	97	15	41	10	45	6.20	+ 2.17	2.51	0	8	21	6	3	se.	W. N. Hunter.
Table Rock	Pawnee	1,023	25								1.80	- 3.20	0.66	0	9	18	11	1	s.	E. D. Howe.
Tecumseh	Johnson	1,113	36								1.91	- 2.95	0.66	0	5	13	12	5		L. E. Pratt.
Tekamah	Burt	1,060	23	71.6	+ 1.3	96	15	43	8	37	3.42	- 2.13	0.95	0	8	22	3	5	se.	Dr. A. D. Nesbit.
University Farm	Lancaster		29	73.6	+ 2.4	98	26	40	11	37	2.57	- 1.78	1.14	0	10	16	13	1		U. S. Weather Bureau.
Valentine	Cherry	2,613	25	70.9	+ 3.8	101	27	44	7	41	1.03	- 2.78	0.40	0	7	22	6	2	s.	W. T. Mauick.
Wahoo	Saunders	1,187	11								2.50	- 1.61	0.75	0	7	18	12	0		I. H. Weaver.
Wakefield	Dixon	1,387	19	71.4	+ 3.2	99	15	37	10	39	1.07	- 3.36	0.42	0	7	22	6	2	s.	G. A. Dudley.
Walthill	Thurston		10	71.4		96	15	42	8	35	1.87	- 1.62	0.88	0	7	18	9	3	s.	R. E. Swift.
Watertown	Buffalo	2,299	8								3.06		1.10	0	7	18	12	0	s.	C. D. Fuller.
Wauwata	Chase	2,935	15								2.55	- 1.00	0.75	0	6					S. W. Orton.
Weeping Water	Cass	1,080	36	73.0		99	25	40	11	41	5.42	+ 0.57	3.15	0	11	22	1	7	s.	J. C. Elliott.
Westpoint	Cuming	1,313	28	73.0	+ 2.8	97	15	43	10	35	2.56	- 2.62	0.92	0	5	23	5	2	s.	F. C. Evans.
Wisner	do	1,380	17								3.09	- 1.64	1.06	0	8	28	1	1	sw.	A. T. Glauque.
York	York	1,633	25	73.3	+ 0.9	100	15	40	10	40	3.19	- 0.84	1.76	0	7	21	7	2	sw.	
<i>Iowa.</i>																				
Afton	Union	1,212	19					41	8		3.89	- 0.27	1.75	0	7	20	7	3	sw.	N. W. Rowell.
Allerton	Wayne		11	72.3	+ 4.2	96	16	39	8	35	4.52	- 0.17	3.03	0	7	18	9	3	sw.	Maude Chase.
Alton	Sioux	1,305	8	70.0		98	15	35	10	47	2.09		0.45	0	8	18	12	0	se.	W. S. Slagle.
Atlantic	Cass	1,164	22	72.2	+ 3.1	96	15	40	8	36	3.10	- 2.31	1.63	0	8	15	5	10	sw.	Thos. H. Whitney.
Audubon	Audubon	1,301	19	70.5	+ 2.4	94	15	40	9	35	1.97	- 1.88	0.59	0	6	20	5	5	sw.	Geo. E. Kellogg.
Bedford	Taylor		13	71.4	+ 3.1	96	17	37	11	41	3.10	- 1.37	1.58	0	8	18	8	4	s.	E. E. Healy.
Centerville	Appanoose	1,013	3	73.2		96	18	39	8	34	5.71		3.36	0	6	20	6	4	s.	Gordon Peacock, jr.
Chariton	Lucas	1,042	18	70.4	+ 1.2	94	15	37	7	35	3.63	- 1.09	2.20	0	3	15	12	3	s.	C. C. Burr.
Clarinda	Page	1,009	23	72.1	+ 1.1	99	15	41	9	50	4.09	- 0.81	1.66	0	6					A. S. Van Sandt.
Corning	Adams	1,117	21	72.2	+ 2.7	96	17	41	9	34	3.07	- 0.98	1.49	0	7	17	11	2	sw.	Jerome Smith.
Corydon	Wayne	1,101	20	72.6	+ 2.7	97	16	39	8	37	3.64	- 1.01	2.83	0	7	15	9	6	sw.	May C. Miller.
Council Bluffs	Pottawattamie	990	3	73.4		98	14	42	9	38	5.01		1.91	0	10	12	8	10	sw.	B. W. Crossley.
Creston	Union	1,312	8	70.6		94	15	40	8	33	4.44		1.96	0	7	18	8	4	sw.	O. J. Colby.
Cumberland	Cass		14								4.12	- 0.56	1.60	0	6	27	1	2	sw.	J. H. Reppert.
Denison	Crawford	1,180	19	70.4	+ 2.6	95	15	37	8	33	1.61	- 1.81	0.70	0	7	21	8	1	s.	W. C. Van Ness.
Elliott	Montgomery		8	72.2		94	16	40	10	33	6.65		2.29	0	5	18	11	1	s.	C. H. Westrope.
Greenfield	Adair	21	71.8	+ 1.9	97	15	40	8	34	4.58	- 0.64	2.00	0	6	16	14	0	sw.	Frank A. Ward.	
Harlan	Shelby	1,182	14	69.8	+ 1.3	93	15	40	8	35	1.65	- 2.97	0.48	0	6	17	9	4	sw.	C. A. Reynolds.
Inwood	Lyon	1,474	9	71.2		95	15	42	8	33	3.76		1.69	0	7	26	1	3	s.	F. B. Hanson.
Lake Park	Dickinson	1,479	9	69.0		95	17	37	10	37	2.25		1.40	0	2	24	4	2	s.	A. E. Woodruff.
Lamoni	Decatur	1,120	6	72.6		95	17	40	10	35	3.63		2.50	0	7	21	0	9	se.	T. J. Fitzpatrick.
Le Mars	Plymouth	1,224	17	71.1	+ 2.8	93	28	41	8	32	1.18	- 2.98	0.55	0	8	21	7	2	se.	G. A. C. Clarke.
Lenox	Taylor	1,250	18	71.6	+ 2.3	93	17	41	9	32	3.74	- 0.53	1.08	0	6	23	5	2	s.	J. L. Hurlley.
Leon	Decatur	1,120	11	73.0	+ 4.2	96	18	39	8	38	4.30	- 0.48	2.40	0	6	16	8	6	sw.	Morris Gardner.
Little Sioux	Harrison		8																	Geo. H. Gibson.
Logan	do	928	46	72.6	+ 2.7	95	15	45	9	34	2.11	- 3.32	0.79	0	5	18	11	1	sw.	Glenn H. Stern.
Mount Ayr	Ringgold	1,236	20	73.4	+ 3.4	98	17	40	9	34	4.73	+ 0.01	2.25	0	9	18	8	4	s.	Alex. Maxwell.
Murray	Clarke	1,216	22	71.6	+ 1.9	96	17	39	10	36	4.95	+ 0.90	2.04	0	7	15	10	5	sw.	M. T. Ashley.
Northboro	Page	1,046	1	72.6		95	15	43	9	33	3.01		1.56	0	7	18	7	5	sw.	J. M. Darby.
Odebolt	Sac	1,356	16	72.4	+ 2.9	98	17	39	9	36	1.91	- 2.11	0.75	0	7	26	3	1	sw.	E. Starner.
Onawa	Monona	1,051	13	74.8	+ 4.8	100	15	43	10	36	2.75	- 2.25	0.82	0	9	26	3	1	se.	C. G. Perkins.
Pacific Junction	Mills	960	14	72.8	+ 3.1	100	15	42	8	40	4.48	+ 0.02	1.27	0	9	21	9	0	s.	H. H. McCartney.
Rock Rapids	Lyon	1,358	14																	W. C. Wyckoff.
Sheldon	O'Brien	1,422	13								3.55	- 0.97	1.75	0	6					Geo. Apperley.
Sibley	Osceola	1,212	20	69.6	+ 3.6	96	17	39	8	36	3.42	- 1.10	1.57	0	7	22	4	4	s.	H. G. Doolittle.
Sioux Center	Sioux	1,140	14	70.0	+ 3.2	94	15	39	8	33	2.89	- 1.84	1.15	0	7	25	4	1	s.	J. de Ruyter.
Sioux City	Woodbury	1,135	24	72.3	+ 2.9	96	15	44	8	31	0.75	- 3.13	0.44	0	8	21	6	3	s.	U. S. Weather Bureau.
Spencer	Clay		3	70.2		97	17	40	9	42	1.60		0.57	0	7					S. Gillespie.
Thurman	Fremont		16	74.2	+ 3.2	99	15	45	9	38	4.36	- 1.89	1.55	0	9	10	16	4	sw.	C. R. Paul.
Washta	Cherokee	1,157	15	69.6	+ 3.0	95	28	35	10	37	1.78	- 2.54	0.90	0	5	23	6	1	s.	H. L. Felter.
<i>Kansas.</i>																				
Abilene	Dickinson	1,157	18								0.94	- 3.72	0.80	0	2	15	7	8	s.	T. W. Sherman.
Agricultural College	Riley	1,100	55	75.0	+ 1.0	99	27	45	11	37	1.55	- 2.98	0.75	0	3	16	8	6	s.	Prof. J. O. Hamilton.
Alton	Osborne	1,651	11	75.1		103	26	50	8	35	2.21	- 1.83	0.54	0	3	17	7	6	s.	H. A. Storer.
Atchison	Atchison	973	22	71.9	- 1.0	97	15	46	10	36	2.65	- 1.79	1.65	0	4	13	10	4	se.	Prof. E. M. Stahl.
Beloit	Mitchell	1,383	18	74.9		101	26	48	10	32	4.43	- 0.36	2.30	0	7	10				

TABLE 1.—Climatological data for June, 1913. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.			Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.		Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.
Kansas—Continued.																				
Horton	Brown	1,188	24	72.8	+ 0.6	97	15	44	10	31	3.31	- 1.31	0.89	0	8	15	11	4	sw.	Mrs. S. C. Belden.
Hoxie	Sheridan	2,700	14	72.4	+ 0.9	101	26	42	8	40	2.71	+ 0.42	0.84	0	7	7	19	4	sw.	I. L. Vinson.
Lawrence	Douglas	997	45	73.0	+ 0.5	96	27	40	9	39	7.58	+ 2.82	5.00	0	5	13	12	5	sw.	R. K. Young.
Leavenworth	Leavenworth	913	69	75.5	+ 2.1	88	28	46	10	49	1.66	+ 3.36	0.95	0	5	18	2	10	sw.	Dr. A. F. Yobe.
Lebanon	Smith	1,812	15	75.0	+ 3.7	100	26	46	10	35	3.12	- 0.88	1.98	0	0	21	2	7	sw.	E. V. Bower.
Lenora	Norton	2,300									2.45		0.79	0	0	0	0	0	sw.	J. S. Goodrich.
Leoti	Wichita	3,300	10	70.6		102	26	45	9	45	1.94		0.54	0	0	11	13	6	sw.	L. E. Gorsuch.
Lincoln	Lincoln	1,374	1	76.1		101	25†	47	8†	32	1.51		0.47	0	0	13	7	10	sw.	R. W. Greene.
McPherson	McPherson	1,333									1.87		1.17	0	5	16	6	8	sw.	A. J. Fredrickson.
McCracken	Rush	2,139	1	73.6		101	25	48	8	36	1.82		0.55	0	0	6	8	16	sw.	E. D. Floyd.
Minneapolis	Ottawa	1,259	23	74.5	+ 1.2	99	26	47	8†	34	2.87	- 1.30	1.83	0	6	17	3	10	sw.	J. L. Steele.
Moran	Allen	1,098	17	76.2	+ 2.6	100	27	46	8†	36	1.96	- 3.00	0.75	0	6	15	12	3	sw.	C. J. Norton.
Natoma	Osborne	1,534	4											0					sw.	C. O. Hunt.
Norton	Norton	2,234	15	72.8	+ 1.7	102	26	46	7†	44	4.86	+ 0.56	2.55	0	7	15	15	0	sw.	Sim Siefel.
Oberlin	Decatur	2,539	26	73.2		103	26	38	8	42	1.49	- 1.64	0.47	0	8	22	4	4	sw.	J. E. Huber.
Oketo	Marshall	1,194	5	74.6		98	15†	46	10	43	2.36		0.61	0	8	7	21	2	sw.	J. A. Church.
Olathe	Johnson	1,032	18	75.2	+ 2.3	99	28	44	10	38	1.90	- 2.57	0.67	0	5	14	9	2	sw.	Dr. S. B. S. Wilson.
Oskaloosa	Jefferson	991									2.22		0.86	0	5	5	14	3	sw.	Ralph Snyder.
Ottawa	Franklin	926	19	75.2	+ 2.4	96	27	46	8	32	2.20	- 3.63	1.03	0	5	19	6	5	sw.	W. J. Sheldon.
Phillipsburg	Phillips	1,939	22	74.6	+ 2.7	104	26	49	7	41	3.27	- 0.96	1.09	0	9	15	14	1	sw.	N. E. Bailey.
Plainville	Rooks	2,156	7								1.76		0.45	0	9	18	9	3	sw.	J. B. Sellman.
Pleasanton	Linn	862	11	75.8	+ 2.8	99	27	43	10	37	2.40	- 3.57	0.80	0	8	16	11	3	sw.	B. F. Blaker.
Quenemo	Osage	941	1								2.55		1.11	0	6	16	11	3	sw.	J. L. Graham.
Republic	Republic	1,495	10	73.4		101	26	44	10	36	2.59		1.33	0	6	16	11	3	sw.	J. W. Ambrose.
Russell	Russell	1,834	14	74.6	+ 1.8	100	24	47	8	34	4.62	+ 0.42	2.90	0	7	11	6	13	sw.	Robert Brabner.
Russell Springs	Logan	3												0					sw.	Murray Wallace.
St. Francis	Cheyenne	3,288	5	70.7		102	26	43	7	46	2.66		0.97	0	11	11	16	3	sw.	J. E. Uplinger.
Salina	Saline	1,227	29	75.8	+ 2.0	103	25	48	8	38	1.79	- 2.72	0.54	0	6	16	9	5	sw.	Prof. A. W. Jones.
Scott	Scott	2,971	7	73.2		103	25	47	9	46	1.54		0.95	0	5	21	5	4	sw.	J. B. Loughran.
Smith Center	Smith	1,800	3	74.6		102	26	48	10	39	4.06		1.60	0	7	13	10	7	sw.	W. H. Nelson.
Topeka	Shawnee	997	27	74.4	+ 0.9	96	27	47	8	33	3.38	- 1.43	1.38	0	7	14	12	4	sw.	U. S. Weather Bureau.
Tribune	Greeley	3,612	14	70.4		101	26	45	6	43	3.97	+ 1.32	1.05	0	11	14	7	9	sw.	Charles E. Cassel.
Valley Falls	Jefferson	913	14	72.8	- 0.1	97	27†	42	10	36	1.16	- 3.21	0.60	0	7	16	10	4	sw.	Miss Nettie Maxwell.
Vinland	Douglas	880	4								2.29		1.08	0	5	5	12	4	sw.	A. Schick.
Wakeeney	Trego	2,456	30	73.6	+ 2.2	100	25†	48	9	38	5.08	+ 1.75	4.00	0	6	19	4	7	sw.	A. S. Pascock.
Wallace	Wallace	3,303	43	71.0	+ 1.2	102	26	44	8†	46	1.10	- 1.46	0.32	0	6	13	12	5	sw.	J. L. Page.
Wamego	Pottawatomie	1,002	20	75.4		97	26†	46	10	31	3.14	- 1.74	1.00	0	8	13	11	6	sw.	M. L. Stone.
Missouri.																				
Amoret	Bates	850	5	75.2		98	27†	45	10	37	2.82		0.89	0	7	15	7	8	sw.	Darby Fruit Farm.
Appleton City	St. Clair	853	23	75.6	+ 1.2	100	30	42	10	39	0.84	- 5.09	0.69	0	3	10	20	1	sw.	Robert Brown.
Arlington	Phelps	695	23								2.69		1.04	0	6	23	1	0	sw.	G. V. Randolph.
Arthur	Vernon	767	21	76.8	+ 4.1	99	27	44	10	43	1.66	- 4.53	0.61	0	5	13	15	2	sw.	J. T. Armstrong.
Avalon	Livingston	27	74.4	+ 2.0	97	17†		42	10	36	2.30	- 2.76	0.80	0	6	24	3	3	sw.	F. G. Ashbaugh.
Barnell	Miller	594	19								1.50		3.58	0	2	20	7	4	sw.	C. O. Brockman.
Bethany	Harrison	881	23	72.0	0	97	16	45	8	33	6.39	+ 2.10	2.81	0	5	26	4	0	sw.	W. H. Skinner.
Bolivar	Polk	1,070	26	76.4	+ 4.0	103	30	42	11	39	3.07	- 2.49	1.48	0	6	19	9	2	sw.	A. C. Fink.
Boonville	Cooper	600	38								2.21		3.74	0	8	21	0	2	sw.	C. Randecker.
Brunswick	Chariton	652	33	74.8	+ 1.6	96	29	45	11	34	1.58	- 4.11	1.11	0	3	15	7	8	sw.	Louis Bencko.
Clinton	Henry	800	27	76.4		102	28†	42	10	50	1.57	- 3.39	1.05	0	2	19	9	2	sw.	A. E. Derwent, M. D.
Columbia	Boone	784	24	76.0	+ 1.5	98	18	43	11	37	2.40	- 1.98	1.45	0	9	12	9	9	sw.	U. S. Weather Bureau.
Conception	Nodaway	982	30	73.0	+ 2.3	96	15	43	8†	32	1.56	- 3.20	0.89	0	7	12	13	5	sw.	Fr. Adelm Hess.
Crocker	Pulaski	1,300	2	75.4		99	16†	45	11†	39	2.56		1.86	0	3	18b	9b	1b	sw.	Ira H. Stephens.
Eldon	Miller	934	2	76.9		100	17	42	10	37	2.52		1.52	0	6	9	20	1	sw.	Charles A. Kellogg.
Fayette	Howard	725	31	75.8	+ 2.6	98	18	44	11	36	2.06	- 2.85	0.61	0	7	21	4	5	sw.	Prof. T. B. Smith.
Fulton	Callaway	818	22	77.8b	+ 2.2	102	18	45	9	40	2.48	- 2.41	0.70	0	5	18	6	6	sw.	Russell Johnston.
Glasgow	Howard	618	36								4.80	+ 0.07	1.62	0	6	25	0	5	sw.	J. J. Shaughnessy.
Grant City	Worth	1,130	22	73.4	+ 3.1	100	15	42	10	36	4.67	+ 0.61	2.72	0	5	22	5	3	sw.	W. H. Campbell.
Harrisonville	Cass	912	42	75.0	+ 1.8	98	27†	44	9	39	2.63	- 2.13	1.10	0	5	12	2	16	sw.	A. J. Sharp.
Hazelhurst	Livingston	21									3.33		0.64	0	8	7	8	5	sw.	C. T. Maushund.
Hermann	Gasconade	482	40								1.62		3.05	0	7	17	8	5	sw.	E. Dempsey.
Houston	Texas	1,280	21	72.8	+ 0.6	97	1†	36	11	42	3.23	- 1.78	1.65	0	5	8	20a	2	sw.	Miss Emma Swift.
Jefferson City	Cole	628	32	76.6	+ 2.6	104	18	41	11	45	2.17	- 2.15	1.47	0	6	25a	0	4a	sw.	U. S. Weather Bureau.
Kansas City	Jackson	963	25	75.8	+ 2.8	95	28	48	8	26	8.81	- 1.85	1.85	0	6	11	15	4	sw.	J. F. Sharp.
Kidder	Caldwell	1,017	21	73.6	+ 1.4	95	28	43	10	30	3.20	- 1.25	0.86	0	8	20	5	5	sw.	J. E. Hail.
Lamonte	Pettis	863	25	75.6		100	27	35	10	41	2.00	- 2.80	0.80	0	6	4	25	1	sw.	M. W. Searl.
Lebanon	Laclede	1,265	25	74.5	- 0.5	95	21	45	9†	31	4.47	- 1.04	1.90	0	7	20	7	3	sw.	J. W. Keithley.
Lexington	Lafayette	813	32	76.2	+ 4.0	98	18†	44	10	37	1.87	- 3.20	0.76	0	5	20	0	10	sw.	W. C. Wilmott.
Liberty	Clay	864	25	76.0	+ 2.7	100	28	47	10	35	0.37	- 4.84	0.16	0	3	12b	12b	4b	sw.	C. S

TABLE 2.—Daily precipitation for June, 1913. District No. 6. Missouri Valley.

Stations.	Watershed.	Day of month.																														Total.						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30							
Wyoming.																																						
Arapahoe	Bighorn		.60				.17	.16		.32		.04	.37	T.										.03		T.										1.69		
Basin	do												.28										.52												0.52			
Big Creek Station	North Platte																				.05	T.			.05	.12					.21				0.71			
Boyd	Cheyenne						.07		.48					.27						T.	T.	1.01	T.				.21			.13		.54	.03		2.74			
Burns	South Platte																																					
Casper	North Platte																																					
Centennial	do							.25	.25		.16	.01		.02									.50		.30	T.	T.		.04	.03	.04		.12	.03		1.69		
Cheyenne	South Platte		.07	T.		T.	.28		.74			.11	T.	T.	T.										.21	.09	.01	T.				.14	.25		1.18			
Chugwater	North Platte													.03																						2.67		
Clark	Yellowstone		T.		.28	.10	.09	T.		T.	T.	.27			T.								.11		.14	.03	T.	.17	.18	.29	.07	T.			1.79			
Cody	Bighorn					.04	.11			T.		.50		.03									.08		.01				.14	.09	T.	.17	.18	.29	.07	1.74		
Crandall Creek	Yellowstone											.07	.51	.23	.02	.06										.05	.11	T.	.26	.01	.30	.05	.07			2.35		
Dome Lake	Tongue												.20	.10	T.	T.																				3.55		
Douglas	North Platte	.06	.16				.25		T.	.11	.04	T.	.05		.14	.05												.02	.13							0.83		
Dubois	Bighorn		.20	.07			.05	T.																				.13		.05	.30	.45	.40	T.		1.94		
Eatons Ranch	Tongue						.65																													1.87		
Echeta	Powder					.10	.32						.04	.01																						1.23		
Elk Mountain	North Platte	.03	T.			T.		T.	T.		.03	.06	.04	.01														.10	.36	.11	.25					1.26		
Encampment	do																																				0.95	
Ervay	Powder	T.	.35	T.		.05	.54					.13	.18		.16																			.35		2.04		
Fort Laramie	North Platte																																				1.35	
Foxpark	do						.50								.30																						1.22	
Germana	Bighorn					.08							.62																									
Gillette	Powder																																					
Horse Creek	Bighorn	.02	.06	T.		T.	.09	.08	.16	.04	.08	.75	.02																								3.78	
Hunters Station	Powder	.31	.68	.04	.07	.27	.22	.10	.81			.27	.27																								4.45	
Hyattville	Bighorn								.09			.04																									0.24	
Jireh	Niobrara		.53				.09						.16	.01	.20	.02																					2.46	
Kinnear	Bighorn						.32		T.			.01																									0.46	
Kirtley	Niobrara						.32					.01																									1.70	
Kirwin	Bighorn	.01	T.	T.	.20	.20	.20	.01	.02	.01	.56	T.	.76	.20	.20	.01																				4.06		
Knowles	Cheyenne	.21					.22	.20					.15																								3.39	
Lagrange	North Platte						.02	.48	.10				.03	.32	.22																						1.94	
Lander	Bighorn	T.	.05		.27	T.	.16	.30	.13	.07	.07																										1.00	
Laramie	North Platte		.05	.02		.00									.30																						1.70	
Leo	do																																				0.80	
Lolabama Ranch	Yellowstone		.05																																			
Lovell	Bighorn																																					
Lusk	Niobrara	.22				.28																															2.18	
Manville	do	.33				.08							.21	.16																							2.72	
Moorecroft	Cheyenne						.02	.13																													1.43	
Moore	North Platte	.02					.05	.43					.04	.25	.05	T.	T.																			0.79		
Newcastle	Cheyenne																																					
Pathfinder	North Platte						.12	.21				.02	.20	.12	.01																						1.28	
Pinebluff	South Platte		.06	T.		T.	.34					.30																									2.03	
Pine Ridge	Cheyenne		.25				.50						.45																								3.90	
Powell	Bighorn																																				1.05	
Rawlins	North Platte						.02	.56				.04	.49	.11	.02	T.																					1.97	
Rock River	do																																				0.22	
Rocky Point	Powder						.20							.03	.04																						2.19	
Saratoga	North Platte																																				2.15	
Seven Mile Creek	do																																				2.84	
Sheridan	Tongue	T.	T.		.03	.32	.31	T.		T.			.15																								3.90	
Shoshone Dam	Bighorn						.03	.16	T.				.97																								2.15	
South Pass City	North Platte	T.					.37	T.		T.		.02	.03	.22	.18																						1.17	
Sundance	Cheyenne					.30																																1.75
Thermopolis	Bighorn						.01	.08	.29				.10	.12																							1.09	
Ulm	Tongue		.02				.72																														2.75	
Upton	Cheyenne																																				2.63	
Verona	Tongue						.25	.25																													2.21	
Wheatland	North Platte						.10	.10																													1.35	
Whitans Ranch	do						.67	T.		T.		.28	.04	.06																							2.10	
Woodrock	Tongue		.18				.02																														2.76	
Worland	Bighorn	.12					.02	.75	.42																												1.66	
Wyncote	North Platte		.16	.66			.04	.59	.42																													

TABLE 2.—Daily precipitation for June, 1913. District No. 6—Continued.

Stations.	Watershed.	Day of month.																														Total.				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
<i>South Dakota—Con.</i>																																				
Waters Ranch	Cheyenne			T	.12		.20							.37						.02																1.18
Watertown ||	Big Sioux	.33		.25	T									.10	.02											.25	.13	.02	.03	.39				2.00	4.30	
Wentworth	do.		.24				.36							.08							.12						1.52				.42	.10		2.84		
Wessington Springs	James																																			
White Lake	Missouri																																			
Winner	White	.03		.04											T						.43					T						.50	.56	1.56		
Wood	do.			.23										.14								.03				.08						.01		0.49		
Yankton	Missouri	.05			T		.01								.14					1.19	.46				.23	.24					.26		4.58			
<i>Minnesota.</i>																																				
Pipestone	Big Sioux	.39	.04											T																			1.27	4.64		
<i>Colorado.</i>																																				
Arriba	Republican		.03	.83	T		.04			T	.02	.09	.38			.04	T															T		1.57		
Auldurst	South Platte	1.35		.02	.02		.01	.31	.01			.27	.10																					2.30		
Bennett (near)	do.			.09			.75						.08																				.16	1.08		
Boulder	do.																																			
Burlington	Republican	.04	.02	.75			.01	.45	.05	.03	.02	.30	.23																					2.39		
Cassels	South Platte	.10			.02	.45	.52	.05	.18	T	.74				.10	.10																		2.31		
Castle Rock	do.																																			
Cheesman	do.	.01		T	T		.16	.36	.04			.14	.17																					1.70		
Cheyenne Wells	Smoky Hill	T	.55	.42	.40		T			T	.09	.47	T	T	.05						1.00											.04	.01	3.03		
Cope	Republican																																			
Corona ||	South Platte		.10		.01	.02	.01	.05	0		.06	.12	.73	.43	.58							.06			.03	.17	.19	.10	.02	.02	.04	.03	2.87			
Denver	do.		.03	T	.04	.41	.45	.06		T	.06	.12	.73	.43	.58						T	.06			.03	.17	.19	.10	.02	.02	.04	.03	1.10			
Edgewater	do.					.43	.05	.06				.32	.10	.05																				1.30		
Estes Pk Fish Hatch	do.		T	T			.16	.08	T		.04	.58	T		.38																			1.11		
Fort Collins	do.								T		.02	.58	T		.38																			0.15		
Fort Lupton	do.				.19	.20	.35								.25																			0.99		
Fort Morgan	do.				.74	.04	.02					.14	.36	.42	.02																			1.12		
Frances	do.	.06	T		.08	.04	.02				.14	.36	.42	.02							.03	.02	.03	.02	.07	T	.03	T	.01				1.36			
Frys Ranch	do.											.32	.10	.05							.10	.03	.07	.05	.05	T	.05							1.20		
Georgetown ||	do.	.11	T	T			.19	.33	.22	.15	.51	T	.22							.22	.20			.08	.09	.08	.03	.05						2.50		
Greeley	do.						.23																												0.78	
Grover (near)	do.				.09	.27						.05																							1.31	
Hartsel	do.	.10			T		.28	1.14	.08	.59		.01	.09							.20	.13	.15	.10	.03	T	T	T							2.80		
Hawthorne	do.		.01	T		.03	T	T				.02	.32								.05	.06	.06		.04									0.29		
Holyoke (near)	Republican			.11	.20					T		.02	.32								.09						.05								1.11	
Idaho Springs	South Platte	.05	T	T			.25	.30			.14	.27	.36	T																				1.75		
Julesburg	do.																																			
Kersey	do.																																			
Laporte	do.								.07																										0.07	
Le Roy (near)	Republican	T		.06						T		.17	T		.06							.18	.01									.04		0.52		
Longmont ||	South Platte											.17	.02	T							.40	.10	.05	.02	.32	.23						.11		0.57		
Longs Peak (near)	do.						.52					.35	.20																						2.28	
Merino	do.																																			
Moraine	do.																																			
Platte Canyon	do.			.04	.24		1.16	.07			.38											.09													2.69	
St. Cloud	do.																																			
Sedgwick	do.			.05	.10								1.76																						2.53	
Silver Lake	do.																																			
Spicer (near)	North Platte										.37	T	.24		T																				0.91	
Sterling	South Platte										.02	.24	.03																						0.72	
Waterdale	do.																																			
Wray	Republican		.40		.38						.15		.70														.47								2.40	
Yuma	do.	.28		.01						T	T	T																							1.45	
<i>Nebraska.</i>																																				
Ainsworth	Niobrara	.02		.11										.08																					2.48	
Albion	Loup	1.46		1.06			.37							.25	.10	.23											.07	.12	.11			.28	.26	4.51		
Alliance	North Platte	.30	.05	.10	T		.47						.05	.10	.23																			1.25		
Alma	Republican		.48		.06					T				.27																					4.19	
Arcadia	Loup		1.55	.12									.16																						3.50	
Arden ||	do.		.20																																1.76	
Ashland	Platte	.45		.20	.33	.10	.10																												2.31	
Ashton	Loup	.57		.67	.30		T							.09	T											.06	.16							3.78		
Atkinson ||	Elkhorn	.47																																	1.41	
Auburn ||	Missouri				T	.27		.36							.03																				1.40	
Aurora	Blue	.55		.20																															2.96	
Beatrice	do.					.78	.44																												3.81	
Beaver City	Republican			.34			1.08							.22																					2.62	
Bellevue	Missouri	.27			.06	.03	.20	.06																											4.24	
Benkelman	Republican																																			

TABLE 2.—Daily precipitation for June, 1913. District No. 6—Continued.

Stations.	Watershed.	Day of month.																														Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
<i>Nebraska—Contd.</i>																																
Elsie ||	Republican	.58		.40	.12							.02	1.86		.05						.53	T.			.09	.01					.08	
Ericson (near)	Loup	1.82												1.10	.43						.73									.90		
Ewing ||	Elkhorn	.25	.45											T.	T.						.25	.74			.05	.02	T.		1.09			
Exeter	Blue	.49			.35																.31				.98				.38			
Fairbury ||	do.				.60	.31	.55															.09		2.57	.45				1.24			
Fairmont ||	do.	.23		.04	.07	.43	.02														.10	.38		.10	.45				.27			
Falls City	Missouri					.03	T.														.21	.27	T.	1.06					.10			
Fort Robinson ||	White													.30							.12	.04	T.		.22				.05			
Franklin	Republican		.57		.04		.03							T.										.45	.15	.08			.71			
Fremont	Platte	.72		1.15	.08									.25		.41						.93		.48	1.97			.12				
Fullerton	Loup	1.75		.81	.23			.19								.75					2.23		.30	.27					.50			
Geneva	Blue	.33	.02	.07	.40	.02	.01									.04					.04		.10	1.85				.15				
Genoa	do.	1.59		.78	.14		1.50								1.09						.56		.40	.05	.12				.27			
Gordon	Niobrara																															
Gosper	Republican			.66	.10									.37		.46						.08							.84			
Gothenburg	Platte	.25		1.00	.35	T.	.70	T.			T.		.35								15							.33				
Grand Island ||	do.	.40		.36	1.02			T.								.25					T.	.98		.08	.17	.22			.40			
Grant	Republican											.12	.70			.08					.65			.12								
Greeley	Loup	1.08	.40	.03		.04									1.12							.02		.06	.20		.01		1.04			
Guide Rock	Republican			.80	1.20	T.																.13		.30	.05				.70			
Haigler	do.										.21	.61				.49																
Halsey	Loup	.12		.09	.04								.80									.03							T.			
Hartington ||	Missouri	.08					.17									T.					1.48	.38			.38	.08			.52			
Harvard	Blue																					.03										
Hastings ||	do.	.19		.35		.45										.14						.08	.25		.20	.07	.06		.70			
Hayes Center	Republican	.15	.60		.05		.05		T.	.02	.05	.90		.40		.15					.17							.26				
Hay Springs	White			.25			T.							T.							.84	.08		.25	.01			.02				
Hebron	Blue			.07	.74	T.	.13																		.03	.97			1.08			
Hemingford ||	Niobrara			.03			.23							.04	.15							.09	.03									
Hendley ||	Republican		.20				.66						.18																.30			
Hershey ||	South Platte	1.10		.54	.08			.36			T.	.01		1.40		.09						.55		.20	.05				.01			
Hillside	North Platte		.20	.11			.35				T.		.72	.09								.03	.11									
Holdrege ||	Republican			.56		.10		.22					.13											1.05		.20						
Hooper	Elkhorn	.84	.83											.42	.38		1.26					1.54			2.93				8.20			
Hull (near) ||	North Platte				.20	.20		.19				.40	.20								10	.09	.02	.06					1.46			
Imperial	Republican	T.	.51				T.		T.	T.	.15	.55			.05						.64	T.		.05				.05				
Kearney	Platte	.40		.80	.53																	T.			.20	T.			1.12			
Kimball ||	South Platte		.10	T.	.19								.12			.05					T.	T.						T.	.16			
Kirkwood	Niobrara	.14					.61						.16									.16				.35			.12			
Kowanda ||	North Platte		.11			.61	.02				.03		.66									.51							.11			
Lexington	Platte	.47		.60	2.12	.04						.30										.05							.57			
Lincoln	do.	.20	.18	.01	1.07	.06	T.	.17								.02						T.	T.		.23	.08			.25			
Lodgepole	South Platte	T.			1.02		.12	.17			T.	.34	T.									.05	.22						T.			
Loup City	Loup	.75	.72	.31								.17				.20						.18	.08		.08				1.15			
Lynch ||	Missouri																								1.20				.51			
McCool Junction	Blue		.13		.25	T.										T.					.09	.29			.14	.12			.41			
Madison	Elkhorn	.60					.48						.10	.31								.47							1.43			
Marquette	Blue	.57		.43	.14		.07						.30		.16							1.06			.13	.03			.18			
Mary	Loup	.27	T.										.61													.07	.85	.53	.14			
Mason City ||	do.		.66		.35								.10									.55			.15				.03			
Minatare	North Platte	.26			.10																	.38							.06			
Minden	Blue			.50	.03		.25															T.			.20				.55			
Mitchell	North Platte				.08	T.		.25					.14	.38								.06	.08		.02				.06			
Nebraska City	Missouri			T.	1.85	.13								T.								.42							T.			
Nelson	Blue		.26																							1.30						
Norfolk	Elkhorn	.60		.81	T.		.02						.20	.10								10				.90			.30			
North Loup	Loup	.82		.40	.03								.17	1.41									.15		T.	.30			1.26			
North Platte	Platte			.04	.01	T.	.06			T.		T.	.83	.23									.53						.03			
Oakdale	Elkhorn	.36	.17										.06	.88									.20	.19		.09	1.10		.65			
Omaha	Missouri	1.08	.01	.03	.06	.03	.01	.02							.02								.08			.64	.28		.02			
O'Neill ||	Elkhorn	.29																											.83			
Ord	Loup		.85										.04	.06								1.48	.47						3.01			
Orleans ||	Republican	.78					.47															.12							3.67			
Osceola	Blue	.77		.33	.22		.25							.42									1.01		.07	.12			.73			
Oshkosh	North Platte					.46	.11						.73									.27							1.69			
Palisade	Republican		.16										.47									.05							.75			
Pawnee City	Missouri				.38								.25									*	1.05			.90			.10			
Paxton	South Platte			.68	T.								T.	.51									.26	.18					.16			
Plymouth ||	Blue				1.00	.50	.15																		.02				.95			
Purdum	Loup	.64	T.										.68										.07			.18	.70		.23			
Ravenna	do.	.32		.34	.21		T.						.20		.25										.18	.06	.02		.11			
Red Cloud	Republican	T.		.80	.20	T.	.01	.03		T.			.01											.53		.10	.01		.69			
St. Libory	Platte	.85		.50	.20		.01									.80								.95		.17	T.		4.44			
St. Paul	Loup	.94		.38	.18		.01						.10		.82									.95		.08			4.49			
Santee	Missouri	.42			.12																			2.09		.05			5.68			

TABLE 2.—Daily precipitation for June, 1913. District No. 6—Continued.

Stations.	Watershed.	Day of month.																													Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		30	
<i>Iowa.</i>																																	
Afton	Grand			.03		.03	.40														.23	1.75		.70	.75							T.	
Alerton	Charlton			.37		.03	.70															.15	T.	.02								T.	
Alton	Floyd	.35		.08		.10							.34								.45	.64		.07								.40	
Atlantic	Nishnabotna	.13		.01	T.	.01	.26						T.	.03							1.63	.64			.39							T.	
Audubon	do			.29		.12															.48	.21		.59								.19	
Bedford	Missouri	.28				.25	.01	.21													.25	.43		.33	1.58							.04	
Centerville	Charlton			1.56		.02	.32														.02	.45		.31	3.05								
Charlton	do	T.		T.	T.	T.	.28															1.15			2.20								
Clarinda	Nodaway					.44	.03	.07	T.													1.06			.24	1.65							
Corydon	do			.28	T.	.13	.25	.33														.34	1.15			.59							
Corydon	Charlton			.06		.01	.01	.49															T.		.07	2.83							
Council Bluffs	Missouri	1.20		.07	.03	.02	.13	.12													1.91	.43		T.	.80							30	
Creston	do	.18		.04			T.	.58	.01						T.							.43		T.	.80							T.	
Cumberland	Nodaway	.45				.53															.01	.45	1.08			1.60							
Denison	Missouri	.14				.23								.06								.20	.02		.70	.26							
Elliott	Nishnabotna	1.10			T.	T.	1.95															1.01	2.29		.27							T.	
Greenfield	Nodaway	.50				.23																.65	1.00		.20	2.00							
Harlan	Nishnabotna	.30		T.	T.	.09	T.							T.	T.	T.						.45	.01		.48	.32						T.	
Inwood	Big Sioux	.33	T.	T.	T.	.42								.03								1.09			.11							1.18	
Lake Park	Little Sioux		T.												T.	T.						.85			.54	2.50						T.	
Lemoni	Grand			T.		.10		.10														.35		.02	.54	2.50						.02	
Le Mars	Floyd	.18		.05			.01								T.	.07						.21			.07							.55	
Lenox	Missouri			.19		.10		.56															T.	1.08		1.01	.80						
Leon	Grand	.10			T.	.05	T.	.50														T.	1.10	T.	T.	.15	2.40	T.				4.30	
Little Sioux	Little Sioux																																
Logan	Missouri	.63			T.																	.30			.14	.79						2.11	
Mount Ayr	Grand	T.		.05		.03	.01	.15														T.	*	.62		1.60	2.25					.02	
Murray	do	.01		.01		T.	T.	.89														.05	1.73		.26	2.04						T.	
Northboro	Missouri			T.		.64		.27						T.								.20	.20		.09	1.56						.05	
Odebolt	Little Sioux	.25		.32		.22		.27														.75			.05	.05						1.91	
Onawa	Missouri	.15		.10											.22							.22			.82	.01						.35	
Pacific Junction	do	.22			.63	.17	.35																T.		.18	1.09						.12	
Rock Rapids	Big Sioux																																
Sheldon	Floyd	.15			T.	.35							.13										.79									.28	
Sibley	Big Sioux	.24		.05	.02	T.																	1.57									.28	
Sioux Center	Floyd	.26			.09		.11																1.15			.04						.22	
Sioux City	Missouri		T.		T.		.02							.04	.05	.10						.07			.03						.16		
Spencer	Little Sioux			T.	.35		.02						.08										.30			.27	.01	.57				1.60	
Thurman	Missouri	.14		T.	.10	.69	1.18	T.							.02								.38	.24		T.	1.55					.06	
Washita	Little Sioux		.90	T.											.15	.50																.18	
<i>Kansas.</i>																																	
Ablene ||	Smoky Hill					.14				T.	T.												.80	T.								0.94	
Agricultural College	Kansas					.62	T.	T.	T.	T.												T.	.75		T.							.18	
Afton	Solomon			.54	.22	.26	.21							T.								.10	.22		.16							.50	
Aitchison	Missouri				.68		.12																			1.05						.20	
Beloit ||	Solomon				2.30	.93	.05						T.										.40		.01	.20						.54	
Blakeman	Republican					.32						.16		.50									.02									.17	
Blue Rapids ||	Blue			.65	.03	.67		.05						.03										.48			.32					.34	
Centralla	do		T.		.55	.05	.03																			.10						.20	
Chapman	Smoky Hill																																
Clay Center	Republican			.30	.50	.25		T.														T.	.18	.17								.78	
Colby	do			.03	.05	T.	.07			.12	T.	.29	.04	.13									.55									.15	
Concordia	do			1.44	.48	.09																	.14	.33								.28	
Densmore	Solomon			.13		.71				T.													.34	.61		.34						.75	
Dresden ||	Republican	T.		T.		T.		T.		T.			T.	.15									.15	.15	T.	.85						.90	
Ellsworth	Smoky Hill		T.	T.		.82	T.	.03	T.	T.			T.	.15									.10	.09		.02						.10	
Emmett	Kansas			.98		T.	.33																			.28						1.16	
Eskridge	Osage				1.00		.02																				T.					1.59	
Farnsworth	Smoky Hill		.31	.29		.69			.07	.05	T.		.42									*	1.38		.38							2.00	
Fort Scott ||	Osage			.08	.05	.05		1.05	T.																							3.21	
Frankfort	Blue			T.	.11																											1.33	
Garnett	Osage				1.55		.01	.57	.05																							2.14	
Goodland	Republican																								.76	.03	.26	T.				.84	
Hanover ||	Blue				.54	.21	.01																		.61		.05	.15				.31	
Harrison	Republican		.35	.68		.20	.04			T.														.03		.27						.76	
Hays ||	Smoky Hill				.03	.27	.18			T.	.13			.34										1.41	.03		.12	.02				3.53	
Hill City	Solomon				T.		.16			T.		.26											.33	.38		.19						.77	
Holton	Kansas				.75	.78	.59																		.03	.07						.38	
Horton ||	do			T.	.89	.04	.79	T.																		.19	.30					10	
Hoxie	Solomon								T.	.11	T.																						3.31
Lawrence	Kansas			.40	1.55		.03																.06	.23	.81		.57					.56	
Leavenworth	Missouri</																																

TABLE 3.—Maximum and minimum temperatures at selected stations for June, 1913. District No. 6, Missouri Valley.

Date	Wyoming.														Montana.														
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewis-town. §§		Malta.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	80	40	68	46	.....	.....	78	42	84	60	84	47	80	44	74	40	88	46	82	42	85	51	85	51	84	51	87	48
2.....	38	44	77	44	.....	.....	79	46	82	54	81	51	73	45	70	43	77	50	77	38	72	45	79	52	71	56	74	57
3.....	90	46	69	41	.....	.....	76	42	76	60	82	46	78	44	72	36	80	50	78	37	72	48	82	50	76	45	70	48
4.....	90	50	77	46	.....	.....	75	44	80	56	84	49	83	47	72	43	89	48	80	45	84	49	78	53	71	45	85	48
5.....	88	46	78	47	.....	.....	79	43	85	54	84	48	76	43	65	41	83	48	81	45	72	51	77	52	73	46	83	54
6.....	87	45	67	46	.....	.....	69	47	76	55	79	48	59	52	65	45	62	48	83	42	68	46	75	48	69	45	72	37
7.....	90	48	57	44	.....	.....	68	42	61	45	71	49	70	52	74	44	74	51	78	37	75	49	78	48	76	46	74	43
8.....	90	50	66	40	.....	.....	73	42	71	54	76	46	76	48	71	46	82	46	80	40	84	47	81	54	82	48	83	60
9.....	92	49	58	44	.....	.....	71	48	64	56	76	51	77	55	72	44	83	50	76	41	88	57	82	50	82	48	88	56
10.....	94	50	63	43	.....	.....	71	48	64	50	73	48	83	50	68	42	85	49	71	39	87	56	75	51	80	50	90	55
11.....	89	46	68	45	.....	.....	68	47	76	55	69	49	73	50	51	41	78	52	64	35	82	57	69	50	73	47	87	60
12.....	90	44	66	40	.....	.....	66	45	80	45	67	44	71	47	64	39	82	44	65	38	72	59	66	49	78	50	78	60
13.....	92	50	72	45	.....	.....	78	42	74	52	72	45	78	46	65	44	86	52	67	40	82	58	72	49	80	48	83	52
14.....	94	50	80	50	.....	.....	82	49	86	50	75	51	68	51	66	42	85	46	69	39	76	54	65	48	67	45	85	46
15.....	93	52	84	50	.....	.....	86	46	85	55	85	53	81	52	73	37	80	48	68	37	72	47	74	42	72	42	84	47
16.....	95	50	88	52	.....	.....	85	46	83	66	85	49	82	49	75	43	82	48	60	34	82	55	72	50	72	54	82	43
17.....	98	52	81	49	.....	.....	84	52	90	65	87	54	83	55	70	41	84	50	70	36	84	50	73	50	77	45	87	56
18.....	96	54	78	48	.....	.....	80	52	84	57	83	59	75	55	70	43	80	58	71	42	82	60	77	49	75	54	81	65
19.....	90	50	75	50	.....	.....	87	54	86	60	85	57	79	54	76	45	84	52	74	40	82	58	82	52	70	50	80	57
20.....	95	54	78	48	.....	.....	85	50	84	56	88	53	76	55	70	46	80	56	80	45	77	56	71	51	74	50	78	52
21.....	94	52	71	47	.....	.....	86	48	85	56	88	53	83	56	73	38	87	58	83	40	82	52	79	50	83	48	83	57
22.....	90	50	80	49	.....	.....	88	49	94	60	88	54	90	53	74	51	87	59	80	41	87	54	78	54	82	48	81	48
23.....	88	44	82	48	.....	.....	80	53	94	60	82	62	81	52	64	44	88	62	84	46	72	58	66	56	70	52	83	55
24.....	90	46	71	52	.....	.....	73	47	80	56	74	53	73	53	58	42	76	55	77	40	72	51	71	49	70	55	73	45
25.....	88	42	77	53	.....	.....	75	51	82	56	71	50	70	52	59	44	73	51	76	42	70	44	58	47	62	43	70	47
26.....	86	40	81	53	.....	.....	73	53	78	58	73	51	67	55	57	45	63	54	70	38	70	53	53	46	62	45	77	55
27.....	90	44	86	52	.....	.....	77	53	91	64	83	53	86	55	63	44	81	52	68	38	67	57	69	46	77	51	65	54
28.....	90	48	85	52	.....	.....	77	46	92	70	83	55	80	54	59	45	75	57	66	40	75	55	67	50	69	50	74	52
29.....	91	47	73	51	.....	.....	72	40	76	58	69	49	69	53	57	43	73	52	71	41	72	57	68	50	62	50	56	55
30.....	89	46	77	45	.....	.....	77	40	80	48	75	48	76	45	61	44	79	49	70	42	74	54	70	47	73	49	65	51
Mns..	80.6	47.6	74.4	47.3	.....	.....	77.3	46.9	80.8	56.4	78.9	50.9	77.2	50.7	66.9	42.9	80.2	51.4	74.0	40.1	77.3	53.0	73.1	49.8	73.7	48.6	78.9	52.1

Date	Montana.				North Dakota.								South Dakota.																
	Miles City.		Poplar.		Berthold Agency.		Bismarck.		Dickinson.		James-town. §§		Williston.		Aber-deen. §§		Ellingson.		Huron.		Kadoka.		Kimball.		Pierre.		Rapid City.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	87	55	83	44	79	44	77	49	77	41	82	49	79	45	69	53	77	46	73	56	77	55	76	57	77	58	74	54	
2.....	75	57	74	51	71	52	75	54	73	55	73	50	68	52	85	50	63	55	83	49	85	50	84	50	84	60	82	55	
3.....	74	84	73	50	71	49	67	47	64	44	76	44	68	47	70	51	63	48	73	50	72	50	75	51	71	56	65	54	
4.....	90	52	84	54	79	50	73	49	79	42	66	48	78	46	80	48	84	44	80	52	86	56	83	51	85	58	80	56	
5.....	80	58	79	56	85	56	87	57	83	53	73	51	78	46	91	54	83	54	90	60	86	57	90	59	90	63	80	57	
6.....	61	47	69	43	67	41	63	44	71	40	84	42	62	42	63	45	62	42	68	45	67	43	71	54	72	51	64	49	
7.....	68	48	71	41	67	35	64	33	65	34	61	34	66	42	62	36	61	44	63	36	65	45	70	38	64	46	58	46	
8.....	84	52	83	43	75	46	68	48	72	50	63	38	74	50	70	45	73	49	66	48	74	48	69	47	68	52	72	46	
9.....	84	60	85	55	77	48	72	49	75	49	67	42	77	54	74	46	75	48	69	46	75	48	70	42	72	56	67	49	
10.....	85	58	87	59	80	55	78	53	80	52	71	45	82	58	78	47	82	58	78	50	77	52	76	43	78	52	69	51	
11.....	88	62	94	54	87	58	84	56	84	55	76	47	85	59	85	52	84	57	82	49	82	56	82	49	80	56	79	58	
12.....	83	60	88	61	95	59	91	62	88	51	83	56	88	58	88	57	87	58	85	56	81	60	85	55	84	64	80	49	
13.....	85	58	85	53	83	58	79	61	74	56	87	60	83	58	80	56	69	59	80	60	76	56	80	60	74	63	61	53	
14.....	90	54	90	55	89	47	90	59	86	53	84	55	87	57	94	60	87	53	91	59	93	67	93	57	95	61	89	59	
15.....	79	54	78	53	79	53	81	55	77	52	91	58	78	54	93	62	79	51	92	62	90	60	91	61	91	65	80	61	
16.....	84	59	81	53	83	51	78	54	77	54	85	52	79	54	82	58	80	54	89	62	87	60	94	60	88	62	76	56	
17.....	86	62	88	55	85	56	80	58	80	58	80	58	84	62	86	56	82	57	98	65	97	57	98	61	98	66	85	58	
18.....	35	66	79	63	78	57	79	56	75	59	71	59	75	59	96	60	77	59	96	66	.....	.....	97	63	98	70	89	58
19.....	82	62	80	57	76	57	73	58	70	57	77	60	75	56	83	61	71	57	95	67	.....	.....	97	66	90	71	77	60
20.....	88	62	76	57	85	57	81	58	78	57	75	53	81	59	82	62	77	61	79	61	96	64	76	64	81	66	74	62	
21.....	87	58	87	51	86	49	81	55	83	53	78	49	86	53	87	52	82	53	82	52	83	55	85	57	84	56	79	58	
22.....	90	65	92	64	94	57	90	58	89	52	80	50	81	64	89	52	92	59	85	53	99	64	90	57	90	64	90	56	
23.....	90	62	96	64	100	61	99	68	100	63	87	69	94	63	96	62	98	64	91	53	87	60	96	60	96	60	94	58	

TABLE 3.—Maximum and minimum temperatures at selected stations for June, 1913. District No. 6—Continued.

Date.	South Dakota.						Colorado.						Nebraska.																
	Sioux Falls. §§		Water-town. §§		Yankton.		Denver.		Wray.		Alma.		Bridge-port.		Grand Island. §§		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.		Omaha.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	73	58	76	54	74	57	70	54	86	55	91	58	79	50	76	63	85	52	83	62	78	60	78	58	74	56	79	60	
2.....	84	54	78	51	86	52	84	48	87	55	87	48	88	50	87	54	83	53	83	48	84	52	84	54	83	47	83	60	
3.....	79	52	70	50	74	59	78	48	81	54	88	49	75	49	74	59	75	51	76	60	73	58	75	58	76	58	76	64	
4.....	78	43	76	49	80	53	78	50	82	52	84	58	83	52	75	53	80	52	84	58	81	58	81	56	81	54	80	60	
5.....	90	58	88	51	85	63	82	50	84	53	87	60	88	52	82	61	84	55	82	62	83	63	85	60	83	61	83	66	
6.....	64	60	62	51	71	51	73	52	81	58	77	56	78	55	71	66	73	53	80	62	79	61	72	53	67	52	86	63	
7.....	65	42	63	40	65	46	65	50	69	45	71	46	70	45	67	47	65	44	69	54	64	54	68	45	67	45	65	54	
8.....	68	40	67	41	65	41	68	46	70	50	67	47	70	43	66	53	70	42	65	50	65	47	66	43	68	39	65	46	
9.....	70	43	69	42	68	48	71	50	62	40	64	49	59	43	69	46	65	44	68	47	69	47	63	48	69	39	68	48	
10.....	75	43	71	38	71	46	70	48	60	41	72	50	66	46	73	45	65	46	71	47	73	43	64	51	72	43	73	48	
11.....	80	47	77	43	78	49	74	52	64	50	76	54	73	54	78	51	75	54	77	48	80	52	66	56	78	48	78	54	
12.....	83	53	81	51	82	57	72	50	70	50	80	49	78	52	82	54	80	51	80	53	83	54	77	56	82	54	82	58	
13.....	85	58	80	54	82	61	80	46	84	47	85	57	79	52	86	60	72	51	83	62	85	61	79	51	81	59	84	60	
14.....	88	55	88	59	93	63	88	52	85	50	96	59	92	51	97	64	90	64	93	63	96	64	92	52	92	59	94	66	
15.....	94	53	90	39	98	69	82	55	90	55	100	64	95	55	101	71	85	55	96	67	98	69	94	64	97	67	96	68	
16.....	95	60	90	59	92	63	87	53	93	63	89	68	88	58	96	67	85	52	93	66	96	68	90	64	88	63	95	68	
17.....	96	69	89	60	93	64	90	58	91	58	95	61	91	50	94	62	91	53	93	61	95	65	91	66	90	61	95	70	
18.....	94	65	93	62	92	73	82	58	91	61	94	62	87	58	93	66	90	53	91	65	94	69	84	69	88	68	93	74	
19.....	94	68	93	66	90	65	79	57	90	58	89	65	86	58	88	69	84	58	82	68	85	69	85	64	88	68	86	72	
20.....	76	64	78	62	75	64	81	55	91	57	82	63	83	53	72	68	76	60	84	66	83	68	80	64	73	66	82	68	
21.....	83	58	81	53	81	62	74	54	84	50	84	58	82	57	80	64	78	58	88	64	85	68	80	60	81	63	84	69	
22.....	84	62	82	53	82	61	84	53	88	57	87	53	88	56	82	68	88	55	86	59	83	62	84	57	82	58	82	64	
23.....	87	63	85	54	88	60	88	57	92	62	95	61	92	56	91	62	92	55	91	63	91	57	89	64	87	60	87	64	
24.....	85	65	83	59	88	67	79	57	94	57	96	64	88	58	90	67	78	56	92	70	93	66	88	62	85	67	90	67	
25.....	90	64	85	57	89	64	82	56	95	58	96	63	88	50	96	62	80	49	94	65	96	66	90	63	84	62	90	66	
26.....	92	65	87	61	95	68	92	56	100	64	100	74	97	54	100	72	88	56	97	75	99	76	98	64	92	68	95	76	
27.....	94	68	90	64	94	77	95	56	104	67	98	73	97	54	97	70	95	58	95	71	98	75	99	73	92	72	96	75	
28.....	94	72	92	65	93	76	92	66	97	63	96	75	96	67	95	73	98	60	94	74	96	76	93	74	92	72	94	78	
29.....	90	75	90	69	91	69	81	60	92	67	95	72	82	58	94	75	80	61	92	74	94	76	89	66	91	69	94	76	
30.....	81	67	81	59	82	67	88	53	88	65	90	61	87	41	82	64	85	43	78	67	82	68	84	56	78	65	81	70	
Mean.....	83.6	58.1	80.8	57.2	83.2	60.6	80.6	53.3	84.9	55.5	87.0	59.2	82.7	51.9	84.5	62.0	81.2	53.1	84.7	61.6	85.1	62.5	82.3	58.9	82.0	58.8	84.3	64.4	

Date.	Valentine. Nebr.		Iowa.						Kansas.								Missouri.										
			Clarinda. §§		Sibley. §§		Sioux City.		Colby.		Concordia.		Salina.		Topeka.		Wakeeney.		Columbia.		Kansas City.		St. Louis.		Unionville. §§		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	76	59	84	63	74	55	76	59	84	45	87	63	98	68	85	70	90	60	90	66	84	71	94	71	80	64	64
2.....	86	58	86	49	79	44	83	52	83	59	83	54	82	56	84	61	86	60	87	60	85	63	87	68	82	50	56
3.....	70	56	81	50	75	48	74	59	80	54	83	62	86	61	80	64	87	55	87	60	83	65	86	71	81	56	60
4.....	83	58	84	49	76	54	77	57	80	54	85	62	92	61	87	62	90	63	87	63	87	63	86	62	80	52	52
5.....	88	61	87	60	86	57	86	62	86	54	80	64	86	52	87	65	90	61	92	70	87	65	88	68	86	56	56
6.....	70	48	81	62	67	60	72	57	84	57	80	61	82	60	86	66	76	60	93	68	86	69	92	71	82	64	60
7.....	64	44	62	52	66	43	65	48	71	45	67	56	78	59	67	50	78	49	75	52	72	49	77	53	62	60	40
8.....	69	48	67	43	67	39	64	44	65	44	65	50	61	48	61	47	64	50	67	48	64	48	69	48	64	40	40
9.....	69	46	71	41	68	39	68	46	60	45	66	52	66	51	66	52	57	48	69	45	66	49	68	47	65	41	41
10.....	72	50	74	42	73	40	72	46	59	46	71	47	76	49	73	48	68	49	75	47	74	48	75	48	70	39	39
11.....	73	56	81	41	78	47	78	51	65	53	79	50	78	51	77	50	74	56	78	43	76	55	78	54	75	41	41
12.....	81	57	84	44	80	52	80	56	75	55	82	57	81	51	81	52	74	58	84	47	81	59	83	61	78	46	46
13.....	67	57	86	48	84	52	83	60	81	50	83	62	85	52	84	56	88	57	86	54	84	60	86	63	80	51	51
14.....	92	51	94	44	90	56	93	63	90	50	96	67	97	63	91	67	96	60	90	63	89	68	89	64	86	56	56
15.....	92	68	99	63	94	60	96	69	94	58	97	73	99	61	96	70	97	67	96	68	93	71	94	69	92	62	62
16.....	90	65	98	62	93	64	90	66	90	60	95	68	97	68	92	67	93	63	96	67	92	70	95	73	93	66	66
17.....	93	64	98	57	96	60	94	66	89	56	94	71	95	64	93	69	94	64	98	68	94	75	98	75	95	61	61
18.....	91	69	96	59	93	62	92	72	89	59	92	70	96	67	94	69	90	63	98	67	93	75	97	77	94	65	65
19.....	88	63	91	61	90	68	87	72	82	62	84	68	83	67	87	87	85	83	95	68	88	71	97	76	90	68	68
20.....	76	64	93	69	79	65	76	68	82	62	89	67	83	68	92	70	80	64	94	72	92	74	94	77	93	67	67
21.....	81	59	83	66	84	59	85	66	80	57	82	67	96	68	80	69	82	63	93	69	84	70	96	74	80	68	68
22.....	86	59	83	61	83	56	82	60	83	57	85	63	88	65	79	66	85	60	84	68	75	68	86	67	73	62	62
23.....	93	64	88	63	85	53	85	62	90	57	92	64	91	65	93	60	92	62	86	67	90	64	84	70	86	61	61
24.....	88	60	87	68	83	57	83	68	80	59	94	72	86	65	83	65											